

AUDIO-VIDEO STEREO RECEIVER

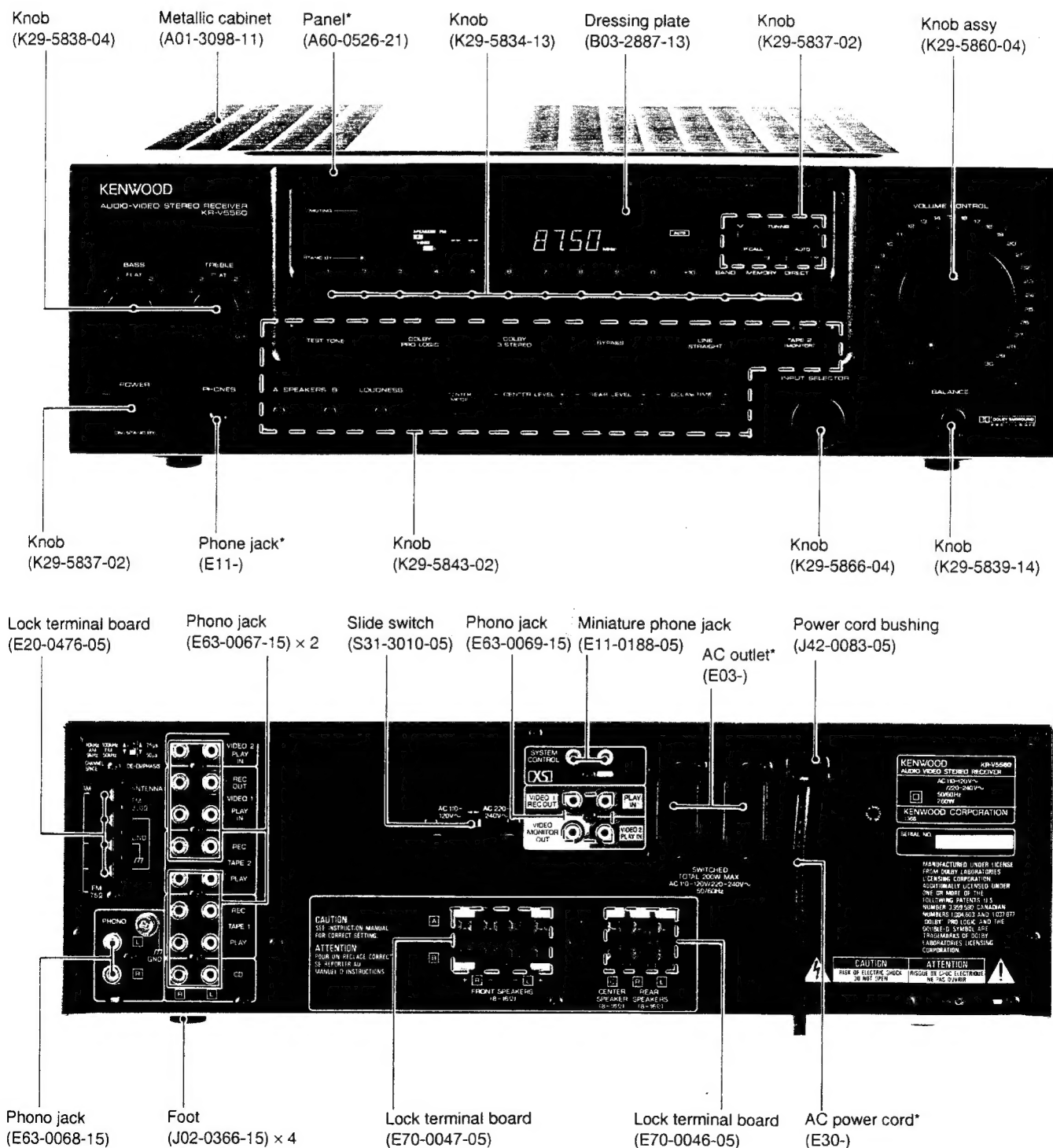
KR-694/V5560/V6060

SERVICE MANUAL

KENWOOD

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B51-4842-00(S) 3457

KR-V5560(KR-694 same as KR-V5560 without Model name.)



*Refer to parts list on page 51.

KR-694/V5560/V6060

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ACCESSORIES

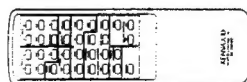
FM indoor antenna(1)
(T90-0175-05)



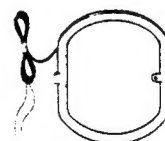
AC plug adaptor(1)
(E03-0115-05):M



Remote control unit(1)
[KR-694,V5560]
A60-0964-05
BATTERY COVER : A09-0170-08



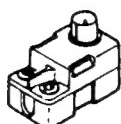
AM loop antenna Assy.....(1)
(T90-0195-05)



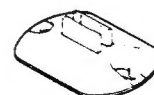
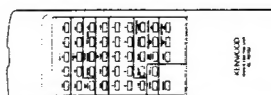
Batteries (R6/AA)(2)



Antenna adaptor(75Ω/300Ω)
..... (1)
(T90-0185-05):E,T



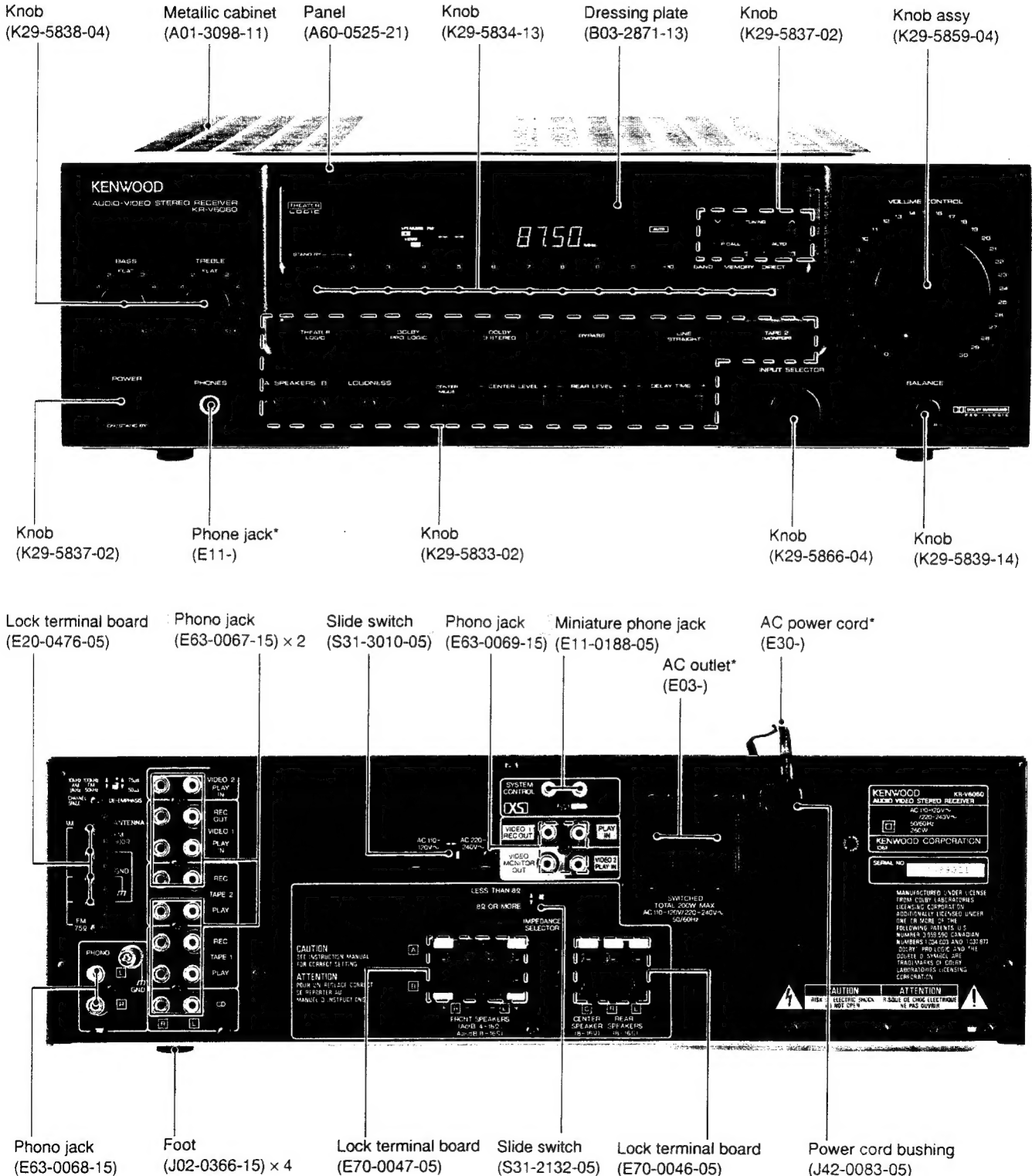
[KR-V6060]
A70-0962-05 : K,P,Y,M,R
A70-0963-05 : E,T
BATTERY COVER : A09-0146-08



Loop antenna stand
(J19-3645-05)

KR-694/V5560/V6060

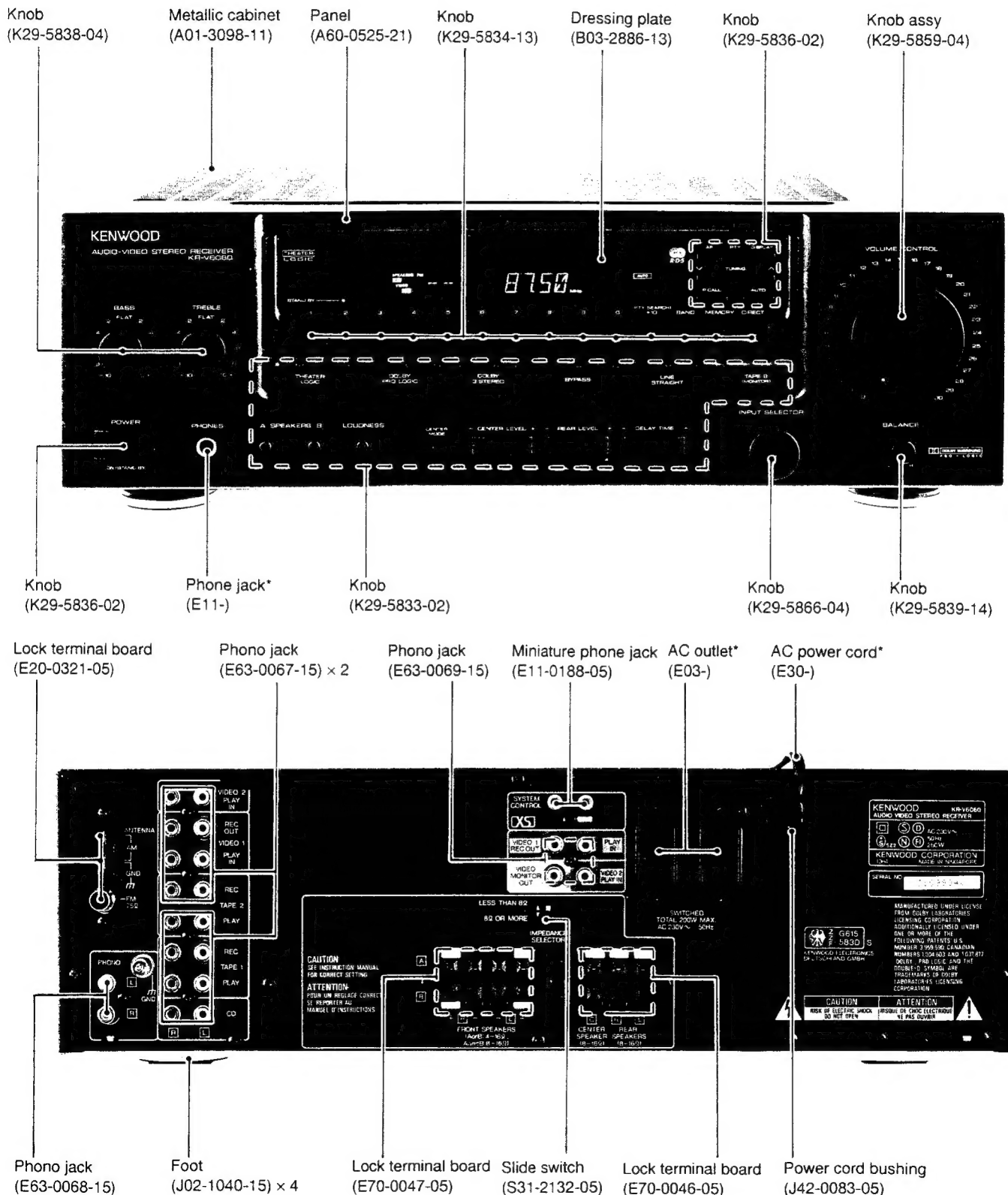
KR-V6060 M type (Except E,T type)



*Refer to parts list on page 51.

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KR-V6060(E,T Type)



*Refer to parts list on page 51.

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REMOTE CONTROL UNIT

KR-694/V5560

TUNER operation keys

BAND Selects the broadcast band.
P.CALL Recalls preset stations.

CD player operation keys

DISC This key is used as the disc selector of a multi-CD player. Each press selects a different disc.

INPUT key

Selects the input sources.

TAPE 2 (MONITOR) key

Press to monitor the source being recorded.

POWER key

MUTE key

Mutes the sound temporarily.

VOLUME keys

Adjust the listening volume. The VOLUME CONTROL knob of the main unit turns, when these keys are operated.

Cassette deck operation keys

These keys are used to operate TAPE A and TAPE B decks.

REC/ARM key

When recording on TAPE B, puts the deck in record-pause mode after leaving a non-recorded blank of 4 seconds.

Graphic equalizer operation keys

EFFECT Turns the graphic equalizer ON and OFF.

M.CALL Recalls the preset equalizer curves from memory.

SURROUND keys

SURROUND MODE

Switches the surround modes.

TEST TONE

Switches the test tone ON and OFF.

CENTER + MULTI LEVEL CONTROL

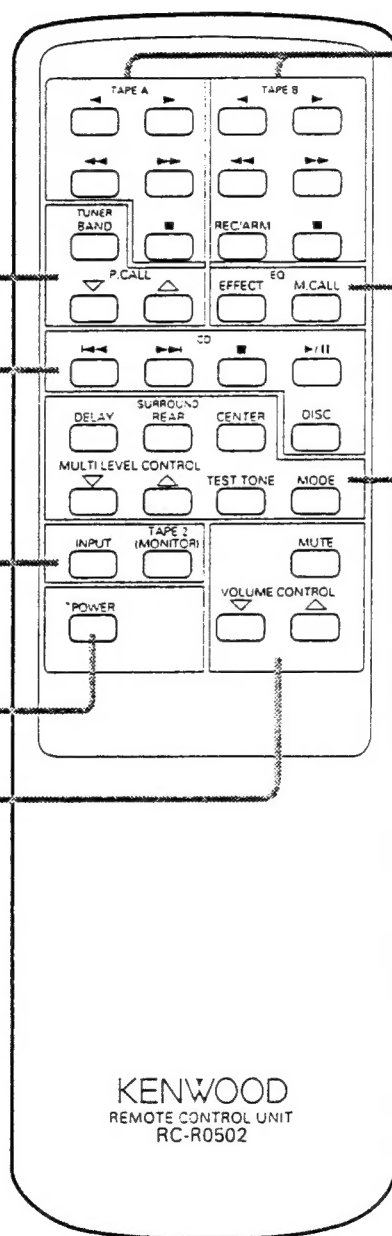
This combination adjusts the center level.

REAR + MULTI LEVEL CONTROL

Adjusts the rear level.

DELAY + MULTI LEVEL CONTROL

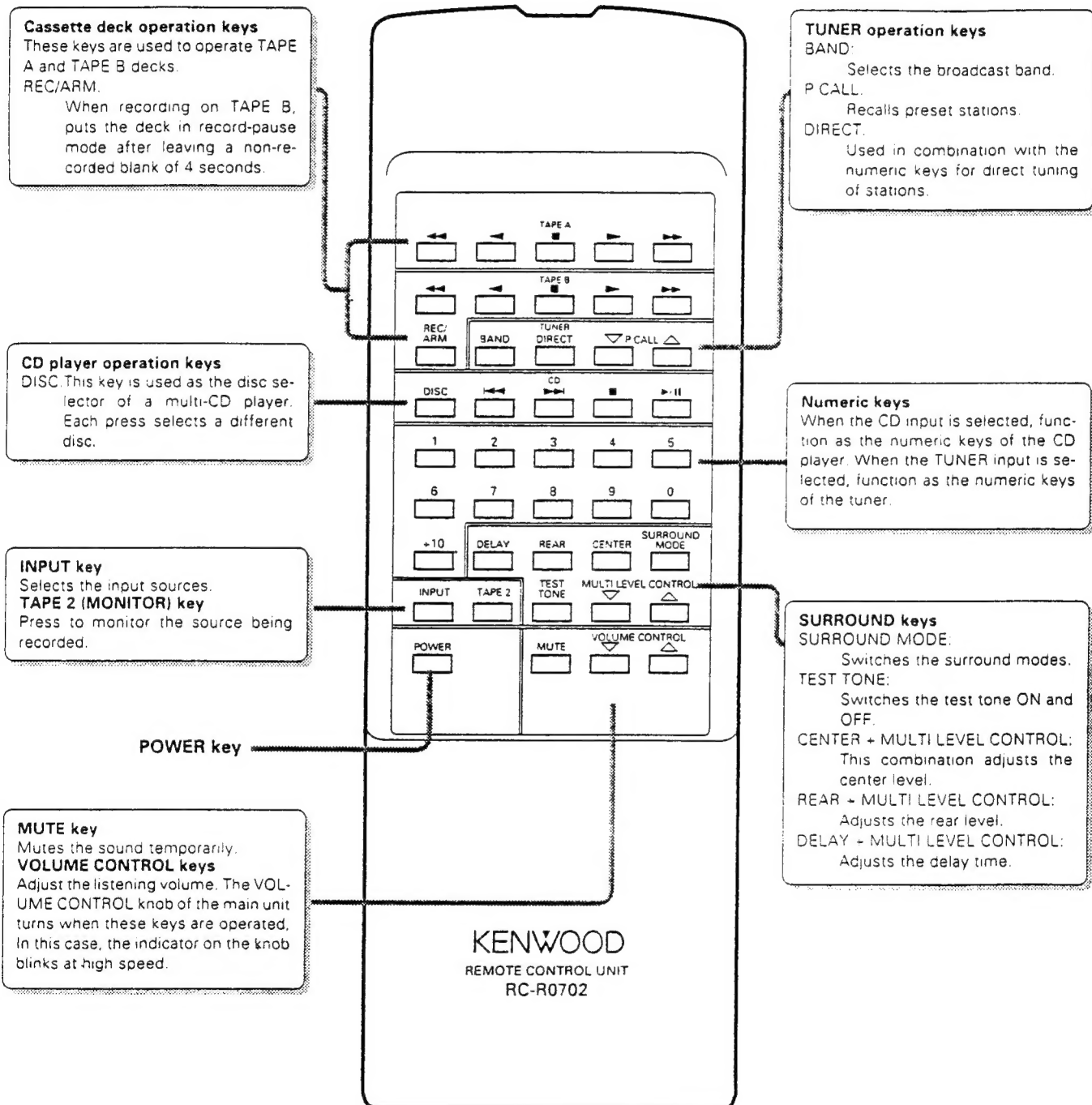
Adjusts the delay time.



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REMOTE CONTROL UNIT

KR-V6060 (Except E,T type)



KR-694/V5560/V6060

REMOT CONTROL UNIT

KR-V6060 (E,T type)

Graphic equalizer operation keys

EFFECT:

Turns the graphic equalizer ON and OFF.

M.CALL:

Recalls the preset equalizer curves from memory.

CD player operation keys

DISC: This key is used as the disc selector of a multi-CD player. Each press selects a different disc.

SURROUND keys

SURROUND MEMORY:

Surround play data can be registered under these keys.

SURROUND MODE:

Switches the surround modes.

TEST TONE:

Switches the test tone ON and OFF.

CENTER + MULTI LEVEL CONTROL:

This combination adjusts the center level.

REAR + MULTI LEVEL CONTROL:

Adjusts the rear level.

DELAY + MULTI LEVEL CONTROL:

Adjusts the delay time.

Cassette deck operation keys

These keys are used to operate TAPE A and TAPE B decks.

REC/ARM key

When recording on TAPE B, puts the deck in record-pause mode after leaving a non-recorded blank of 4 seconds.

TUNER operation keys

BAND:

Selects the broadcast band.

P.CALL:

Recalls preset stations.

DIRECT:

Used in combination with the numeric keys for direct tuning of stations.

PTY/AF/DISPLAY:

Used in reception of RDS broadcasting.

Numeric keys

When the CD input is selected, function as the numeric keys of the CD player. When the TUNER input is selected, function as the numeric keys of the tuner.

MUTE key

Mutes the sound temporarily.

VOLUME CONTROL keys

Adjust the listening volume. The VOLUME CONTROL knob of the main unit turns when these keys are operated. In this case, the indicator on the knob blinks at high speed.

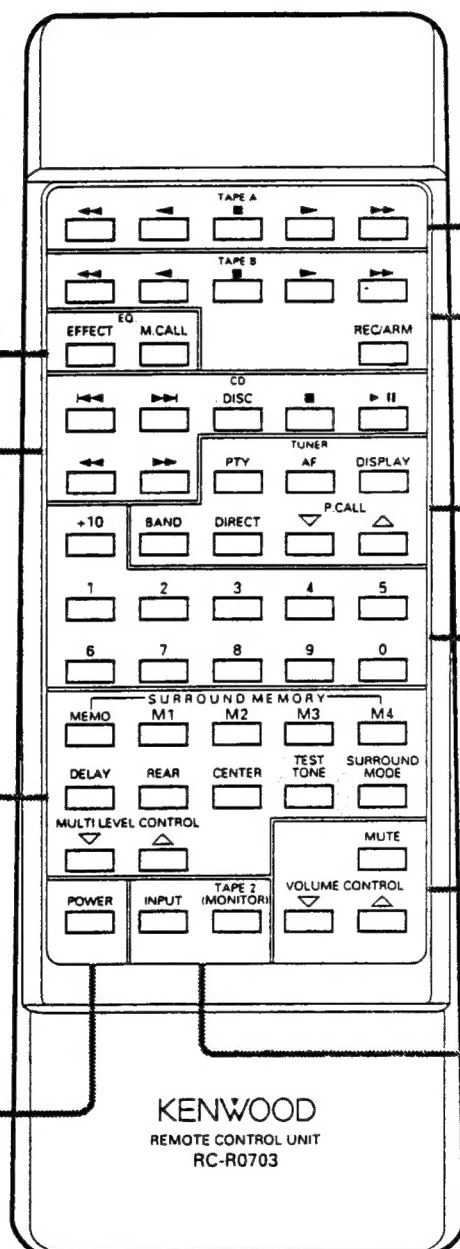
INPUT key

Selects the input sources.

TAPE 2 (MONITOR) key

Press to monitor the source being recorded.

POWER key



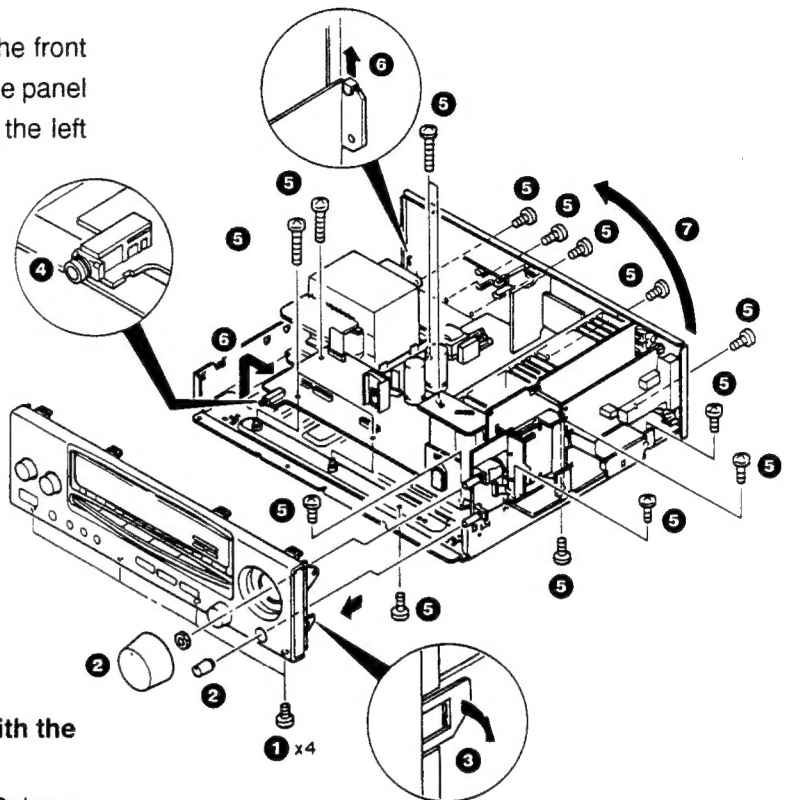
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DISASSEMBLY FOR REPAIR

Remove the upper case in advance.

1. How to remove the front panel

Remove the four screws (❶) at the bottom of the front panel and the volume knob and nut. Remove the panel forward while removing the Balance knob (❷) the left and right tabs (❸).

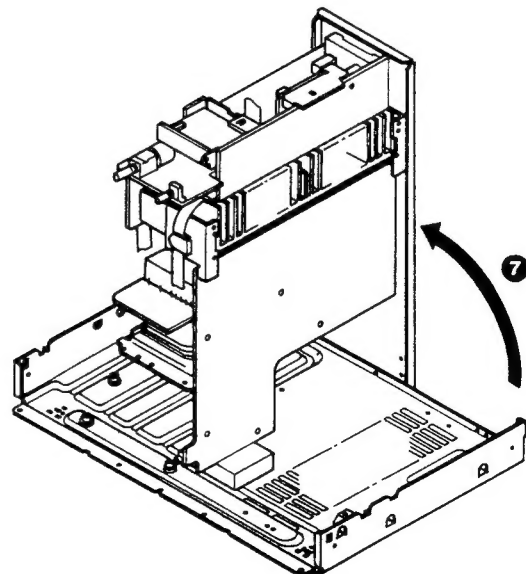


2. How to remove the main circuit board (with the front panel attached)

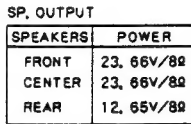
Remove the Volume knob and nut, and the Balance knob (❷). Next remove the 16 screws (❹) and remove the main PCB from the main chassis.

When removing, lift up the main PCB, move it right, lift it up in direction (❼) while being careful not to contact the transformer PCB, and stand it up as shown in the diagram below.

If the main PCB is unstable, insert a spacer (❽) as needed near the PHONES jack.



KR-694/V5560/V6060



KR-694/V5560/V6060

CIRCUIT DESCRIPTION

1. Function description

TUNER

	KR-694	KR-V5560	KR-V6060	KR-V7060	KR-V8060
20 ch RANDOM PRESET	○	○	○	○	○
Tuning control by IF count	○	○	○	○	○
Direct selection	○	○	○	○	○
RDS function (E, T type only)			○	○	

○: FUNCTION NO mark: NO FUNCTION

AMP

	KR-694	KR-V5560	KR-V6060	KR-V7060	KR-V8060
① INPUT SELECTOR TAPE 2 ON TAPE 2 OFF <div style="display: inline-block; vertical-align: middle;"> <div style="display: inline-block; transform: rotate(-90deg);">SOURCES</div> <div style="display: inline-block; vertical-align: middle;"> <div style="display: inline-block; transform: rotate(-90deg);">CD</div> <div style="display: inline-block; transform: rotate(-90deg);">TUNER</div> <div style="display: inline-block; transform: rotate(-90deg);">PHONO</div> <div style="display: inline-block; transform: rotate(-90deg);">TAPE 1</div> <div style="display: inline-block; transform: rotate(-90deg);">VIDEO 1</div> <div style="display: inline-block; transform: rotate(-90deg);">VIDEO 2</div> </div> </div>					
② VIDEO SELECTOR VIDEO 1 VIDEO 2	○	○	○	○	○
③ LINE STRAIGHT	○	○	○	○	
④ PRO LOGIC(NOR, WIDE, PHANTOM) 3 STEREO	○	○	○	○	○
THEATER LOGIC			○	○	
DSP LOGIC DSP <div style="display: inline-block; vertical-align: middle;"> <div style="display: inline-block; transform: rotate(-90deg);">ARENA,</div> <div style="display: inline-block; transform: rotate(-90deg);">JAZZ CLUB</div> <div style="display: inline-block; transform: rotate(-90deg);">STADIUM</div> </div>					○
⑤ SURROUND MEMORY (M1 ~ M4) SURROUND MODE CENTER MODE DELAY TIME CENTER LEVEL			○ (E, T type only)	○ (E, T type only)	
⑥ SPEAKER A/B SELECT	○	○	○	○	○
* ⑦ IMPEADANC SELECTOR (4/8Ω)			○ (AUTO)	○ (MANUAL)	○ (MANUAL)

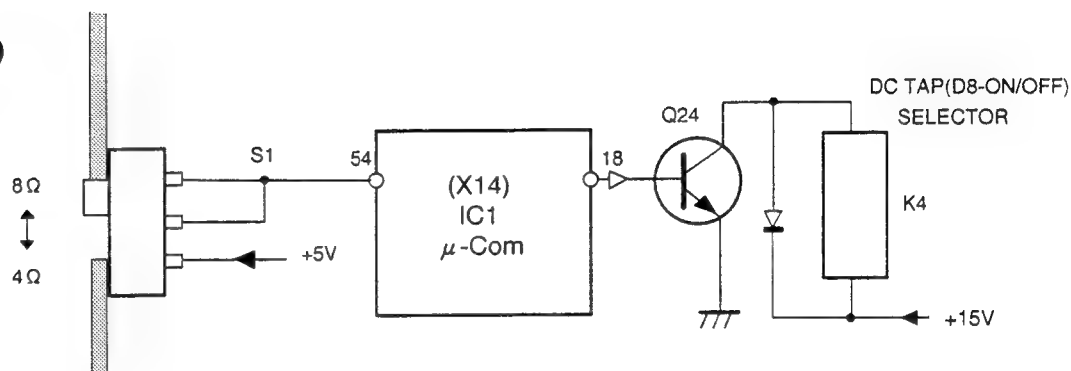
○: FUNCTION No Mark: NO FUNCTION

KR-694/V5560/V6060

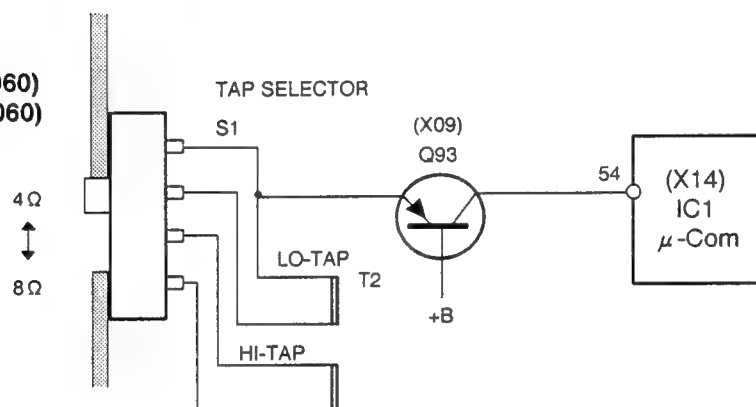
CIRCUIT DESCRIPTION

*⑦ INPEDANCE SELECTOR (4/8 Ω)

AUTO(KR-V6060)



MANUAL(KR-V7060)
(KR-V8060)



AUTO (KR-V6060 only)

Speaker IMPEDANCE SELECTOR

Set the IMPEDANCE SELECTOR switch on the rear panel according to the impedance of the front speakers used. The center and rear speakers should have impedances from 8 to 16 ohms regardless of the position of this switch.

For surround play		For non-surround play	
Front speaker impedance	Selector position	Front speaker impedance	Selector position
A or B speakers 4Ω ~ 6Ω	LESS THAN 8Ω 8Ω OR MORE ↑↓ IMPEDANCE SELECTOR	A or B speakers 4Ω ~ 6Ω	LESS THAN 8Ω 8Ω OR MORE ↑↓ IMPEDANCE SELECTOR
A or B speakers 8Ω ~ 16Ω	LESS THAN 8Ω 8Ω OR MORE ↑↓ IMPEDANCE SELECTOR	A or B speakers 8Ω ~ 16Ω A and B speakers 8Ω ~ 16Ω	LESS THAN 8Ω 8Ω OR MORE ↑↓ IMPEDANCE SELECTOR

- It is not possible to use both A and B speaker systems for surround play.
- It is not possible to use both A and B speaker systems if speakers have impedances from 4 ohms to 6 ohms.

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CIRCUIT DESCRIPTION

2. Conditions according to the destination and model

TUNER

Destination	DIODE SW			BAND	Receiving Remarks	Channel Space	IF	Reference Frequency
	DSW2 D33	DSW1 D34	DSW0 D35					
K1 (1700)	0	0	0	FM	87.5 MHz~108.0 MHz	100 kHz	+10.7 MHz	50 kHz
				AM	530 kHz~1700 kHz	10 kHz	+450 kHz	10 kHz
K2 (1610)	0	0	1	FM	87.5 MHz~108.0 MHz	100 kHz	+10.7 MHz	50 kHz
				AM	530 kHz~1610 kHz	10 kHz	+450 kHz	10 kHz
E1	0	1	1	FM	87.5 MHz~108.0 MHz	50 kHz	+10.7 MHz	50 kHz
				AM	531 kHz~1602 kHz	9 kHz	+450 kHz	9 kHz
E3 (RDS)	1	0	1	FM	87.5 MHz~108.0 MHz	50 kHz	+10.7 MHz	50 kHz
				AM	531 kHz~1602 kHz	9 kHz	+450 kHz	9 kHz
M	0	X	1	K2/E1 changes by only setting "DSW1". (DSW1 = 0: K2 Type, 1: E1 type)				

* DIODE SW (DSWX): 0 = Without DIODE (when static, input LOW)
 1 = With DIODE (when static, input HIGH)
 X = TRANSISTOR SW (0 = OFF 1 = ON)

AMP

MODEL	DIODE SW	DSW 4	DSW 3	Surround function	IMPEDANCE SELECTOR (4/8Ω)
	Ref. No.	D31	D32		
KR-694/V5560		0	0	PRO-LOGIC, 3 STEREO	AUTO MANUAL MANUAL
KR-V6060		0	1	PRO-LOGIC, 3 STEREO, THEATER LOGIC	
KR-V7060		1	0	PRO-LOGIC, 3 STEREO, THEATER LOGIC	
KR-V8060		1	1	PRO-LOGIC, 3 STEREO, DSP LOGIC, DSP.	

0: NO DIODE 1: ADD DIODE

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CIRCUIT DESCRIPTION

3. Function initial setting

① POWER OFF

② AMP system

- AUDIO SELECTOR TUNER
- IMAGE SELECTOR VIDEO 1
- SPEAKER A ON
- SPEAKER B OFF
- TAPE 2 MONITOR OFF
- LINE STRAIGHT OFF
- LOUDNESS OFF

③ TUNER system

- BAND FM
- FREQUENCY Lower limit of FM
(87.5 MHz)
- TUNING MODE AUTO TUNING
(AUTO STEREO)
- P. CH DISPLAY —ch

④ SURROUND system

- MODE BYPASS (OFF)
- CENTER LEVEL 0 dB
- REAR LEVEL 0 dB
- PROLOGIC MODE NORMAL
- 3 STEREO MODE NORMAL
- DSP MODE ARENA
- PRESENCE LEVEL:
 - DSP -0 dB
 - DSP LOGIC (KR-V8060 ONLY) -0 dB
 - THEATER LOGIC -4 dB
- DELAY TIME:
 - DOLBY PROLOGIC 20 ms
 - DSP 30 ms
 - DSP LOGIC (KR-V8060 ONLY) 40 ms
 - THEATER LOGIC 30 ms

⑤ TEST PRESET FREQUENCY

	K1 TYPE	K2 TYPE	E TYPE
01 ch	FM 98.00 MHz	FM 98.00 MHz	FM 98.00 MHz
02 ch	FM 108.00 MHz	FM 108.00 MHz	FM 108.00 MHz
03 ch	AM 630 kHz	AM 630 kHz	AM 630 kHz
04 ch	AM 990 kHz	AM 990 kHz	AM 990 kHz
05 ch	AM 1440 kHz	AM 1440 kHz	AM 1440 kHz
06 ch	AM 1610 kHz	AM 1610 kHz	AM 1602 kHz
07 ch	AM 1700 kHz	FM 87.50 MHz	FM 87.50 MHz
08 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
09 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
10 ch	FM 89.10 MHz	FM 89.10 MHz	FM 89.10 MHz
11 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
12 ch	FM 90.00 MHz	FM 90.00 MHz	FM 90.00 MHz
13 ch	FM 106.00 MHz	FM 106.00 MHz	FM 106.00 MHz
14 ch	AM 530 kHz	AM 530 kHz	AM 531 kHz
15 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
16 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
17 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
18 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
19 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
20 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz

The initial setting is performed in a following event:

1. When backup memory data is destroyed when reset is applied to the microprocessor.
2. When the power cord is plugged in to the AC wall outlet while pressing the POWER key.

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CIRCUIT DESCRIPTION

4. TEST MODE

Setting method

Plug the power cord in the AC electrical outlet while depressing the "TUNING DOWN" key.

Cancellation method

Unplug the power cord from the AC electrical outlet.

Contents

① Starting the main unit test mode

When plug the power cord in the outlet while depressing the "TUNING DOWN" key, the test mode is entered which uses the main unit keys. At this time the following three actions occur:

- The power comes ON automatically.
- The fluorescent display and all LEDs illuminate.
- All conditions except POWER ON/OFF are initialized.

The all-illuminated state is cleared by pressing any main unit key. Also, any conditions changed during test mode are reinitialized when the test mode is cleared (by turning the AC power supply OFF).

② Automatic motor VR UP/DOWN (AMP)

Operating the "TAPE 2" key actuates the motor VR as follows: 16 seconds UP → 16 seconds DOWN → STOP. Accordingly, "TAPE 2 MONITOR" switching cannot be done during the main unit test mode.

③ Mute signal output (AMP)

No Selector MUTE (MUTE 1) control regulation is done whatsoever.

④ 0~9, +10 testmode (TUNER)

- a) When the +10 key is not operated, channels 1 through 9 (1~9 keys) and channel 10 (0 key) can be called.
- b) When the +10 key is operated once, channels 11 through 19 (1~9 keys) and channel 20 (0 key) can be called.
- c) When the +10 key is operated once more, the condition returns to that of a) above: "when the +10 key is not operated."

⑤ Operations that can only be done by remote control

- a) AMP system: NONE
- b) TUNER system: NONE
- c) SURROUND system

"P. CH CALL" key: Same operation as the "CENTER MODE" key.

"DIRECT" key: Same operation as "TEST TONE" key.

- Naturally enough, "P. CH CALL" "DIRECT" operation cannot be carried out.

⑥ During the test mode, because there is no 4/8 switching input status display, the fluorescent "SPEAKERS" display is substituted instead.

(4/8 = Light on/Light off) As a result, please be careful concerning illumination of "SPEAKERS" during the test mode.

⑦ Cancelling the main unit test mode

When the power cord unplug in the AC outlet during the main unit test mode, the test mode is cancelled and the initial condition restored.

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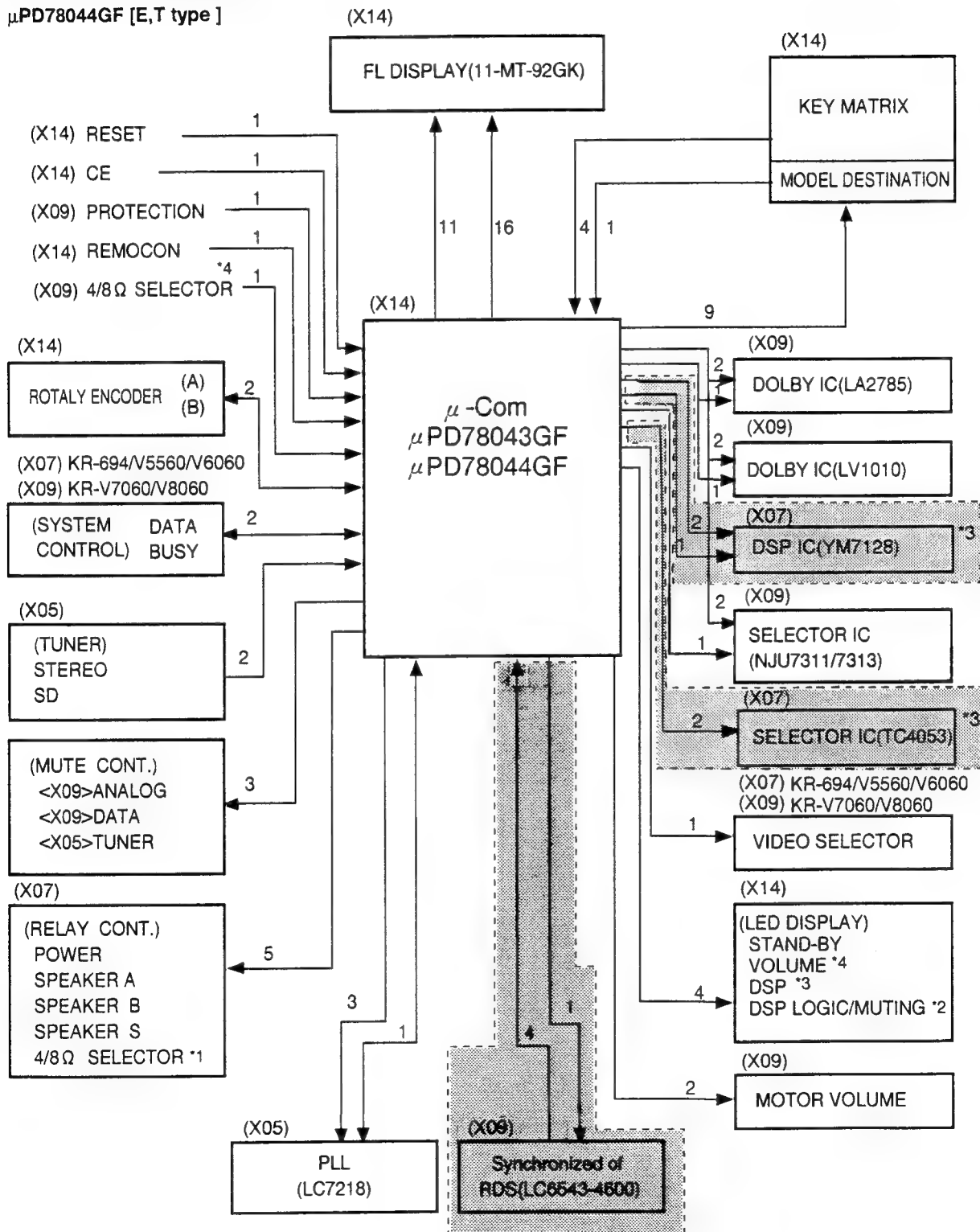
CIRCUIT DESCRIPTION

5. Microprocessor : μ PD78043GF/ μ PD78044GF (X14 : IC1)

① Microprocessor periphery block diagram

μ PD78043GF [K,P,M,X,Y type]

μ PD78044GF [E,T type]



*1 : KR-V6060 only

*2 : Usually, DSP LOGIC(LED) , MUTING(LED) when KR-V5560.

*3 : KR-V8060 only

*4 : Unused for KR-V5560.

 : μ PD78044GF ONLY

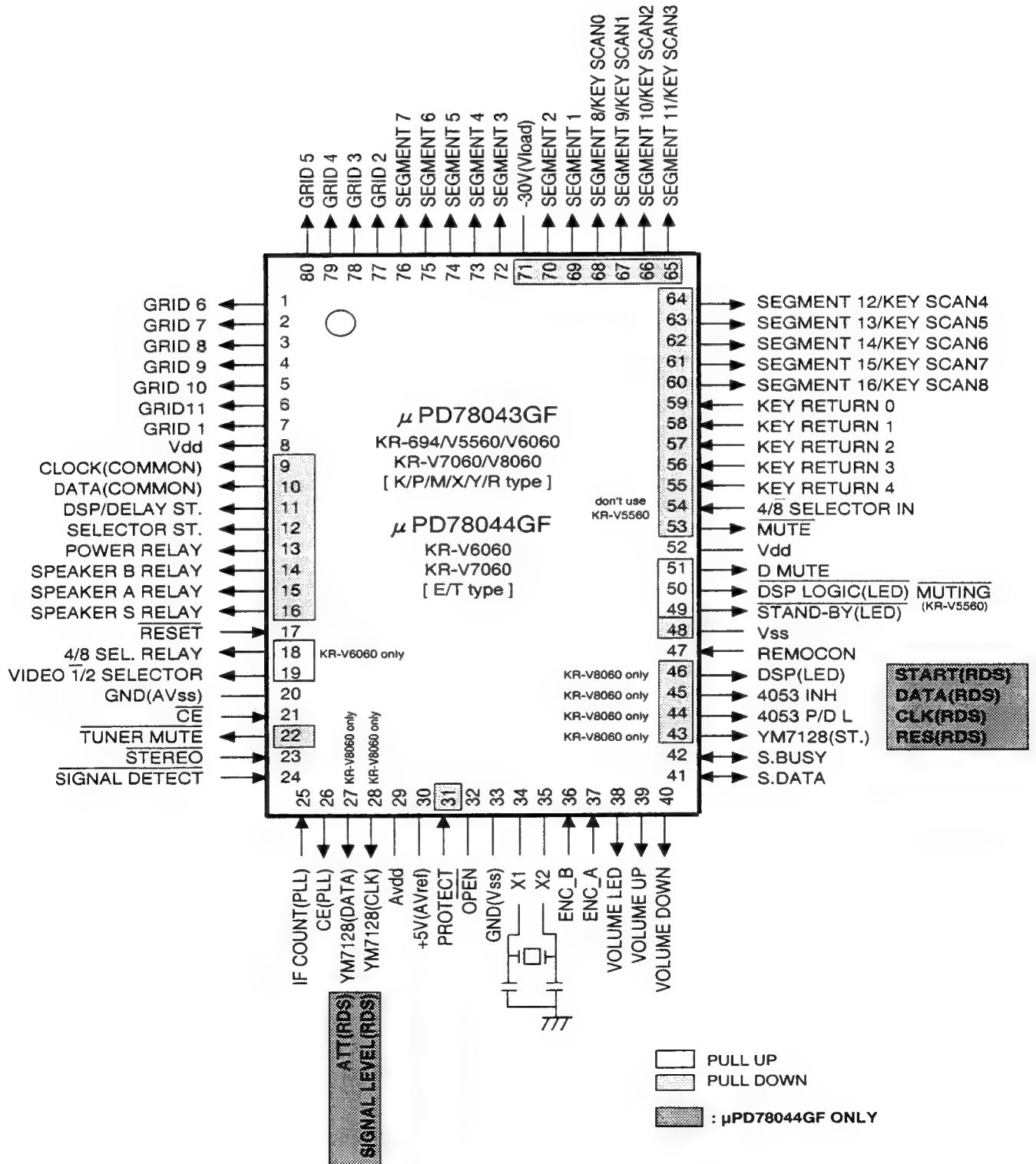
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CIRCUIT DESCRIPTION

② Port layout

μPD78043GF [K,P,M,X,Y type]

μPD78044GF [E,T type]



KR-694/V5560/V6060

CIRCUIT DESCRIPTION

③ Pin description

For pin numbers marked by an asterisk(*) the upper row is μ PD78043GF and the lower () row is μ PD78044GF.

Pin No.	μ -Com No.	Port I/O	Name	Description
1		OUT	GRID 6	FL Grid 6
2		OUT	GRID 7	FL Grid 7
3		OUT	GRID 8	FL Grid 8
4		OUT	GRID 9	FL Grid 9
5		OUT	GRID 10	FL Grid 10
6		OUT	GRID 11	FL Grid 11
7		OUT	GRID 1	FL Grid 1
8		-	Vdd	Microprocessor power supply
9		OUT	CLOCK (COMMON)	Clock for control IC (ANALOG SW/PLL IC/DSP)
10		OUT	DATA (COMMON)	Data for control IC (ANALOG SW/PLL IC/DSP)
11		OUT	DSP/DELAY ST.	DSP IC Strobe for control (LA2785/LV1010)
12		OUT	SELECTOR ST.	Strobe for control selector IC
13		OUT	POWER RELAY	Power relay control H: POWER ON L: POWER OFF
14		OUT	SPEAKER B RELAY	Speaker B relay control H: SP B ON L: SP B OFF
15		OUT	SPEAKER A RELAY	Speaker A relay control H: SP A ON L: SP A OFF
16		OUT	SPEAKER S RELAY	Surround speaker relay control H: SP S ON L: SP S OFF
17		IN	RESET	Microprocessor reset
18		OUT	4/8 CHANGE OVER RELAY	TAP control (KR-V6060 only) H: HIGF TAP L: LOW TAP
19		OUT	VIDEO 1/2 SELECTOR	VIDEO Selector H: VIDEO 2 L: VIDEO 1
20		-	AVss	A/D power supply(GND)
21		IN	CE	Microprocessor CE
22		OUT	TUNER MUTE	TUNER MUTE control H: MUTE OFF L: MUTE ON
23		IN	STEREO	Stereo signal detection H: MONORAL L: STEREO
24		IN	SIGNAL DETECT	Synchronized signal detection H: NO TUNED L: TUNED
25		IN	IF COUNT(PLL)	IF COUNT Data (PLL DO)
26		OUT	CE(PLL)	PLL CE
*27	μ PD78043GF	OUT	YM7128(DATA)	DSP IC Data for control
*27	μ PD78044GF	OUT	ATT(RDS)	Atineter control
*28	μ PD78043GF	OUT	YM7128(CLK)	DSP IC Clock for control
*28	μ PD78044GF	OUT	SIGNAL LEVEL(RDS)	SIGNAL LEVEL (A/D)
29		-	AVdd	A/D Power supply
30		-	AVref	A/D Reference voltage (+5V)
31		IN	PROTECT	Protection detection H: PROTECTION L: NORMAL
32		-	OPEN	
33		-	Vss	Microprocessor power supply(GND)
34		IN	X1	4.19 MHz Oscillator
35		OUT	X2	4.19 MHz Oscillator
36		IN	ENC_B	Encoder input B
37		IN	ENC_A	Encoder input A
38		OUT	VOLUME LED	VOLUME LED control H: LED OFF L: LED ON
39		OUT	VOLUME UP	MOTOR VOLUME control (UP)
40		OUT	VOLUME DOWN	MOTOR VOLUME control (DOWN)
41		I/O	S.DATA	8 bit system DATA

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CIRCUIT DESCRIPTION

For pin numbers marked by an asterisk(*) the upper row is μ PD78043GF and the lower () row is μ PD78044GF.

Pin No.	μ -Com No.	Port I/O	Name	Description
42		I/O	S.BUSY	8 bit system BUSY
*43	μ PD78043GF	OUT	YM7128(ST.)	DSP IC Strobe for control
*43	μ PD78044GF	OUT	RES(RDS)	RDS Reset
*44	μ PD78043GF	OUT	4053 P/D L	TC4053 Control pin
*44	μ PD78044GF	OUT	CLK(RDS)	RDS Clock
*45	μ PD78043GF	OUT	4053 INH	TC4053 Control pin
*45	μ PD78044GF	OUT	DATA(RDS)	RDS Data
*46	μ PD78043GF	OUT	DSP(LED)	DSP LED Control H: LED ON L: LED OFF
*46	μ PD78044GF	OUT	START(RDS)	RDS Start
47		IN	REMOCON	Remote control input
48		-	GND	
49		OUT	STAND-BY(LED)	STAND-BY LED Control H: LED OFF L: LED ON
50		OUT	DSP LOGIC(LED)	DSP LOGIC LED Control H: LED OFF L: LED ON
51		OUT	D MUTE	DATA MUTE
52		-	Vdd	Microprocessor power supply
53		OUT	MUTE	Selector MUTE control H: MUTE OFF L: MUTE ON
54		IN	4/8 SELECTOR IN	Speaker impedance changeover H: 4 Ω L: 8 Ω
55		IN	KEY RETURN 4	Key return 4
56		IN	KEY RETURN 3	Key return 3
57		IN	KEY RETURN 2	Key return 2
58		IN	KEY RETURN 1	key return 1
59		IN	KEY RETURN 0	Key return 0
60		OUT	SEGMENT 16	FL Segment 16/key scan 8
61		OUT	SEGMENT 15	FL Segment 15/key scan 7
62		OUT	SEGMENT 14	FL Segment 14/key scan 6
63		OUT	SEGMENT 13	FL Segment 13/key scan 5
64		OUT	SEGMENT 12	FL Segment 12/key scan 4
65		OUT	SEGMENT 11	FL Segment 11/key scan 3
66		OUT	SEGMENT 10	FL Segment 10/key scan 2
67		OUT	SEGMENT 9	FL Segment 9/key scan 1
68		OUT	SEGMENT 8	FL Segment 8/key scan 0
69		OUT	SEGMENT 1	FL Segment 1
70		OUT	SEGMENT 2	FL Segment 2
71		-	Vload	FL Driver power supply(- 30V)
72		OUT	SEGMENT 3	FL Segment 3
73		OUT	SEGMENT 4	FL Segment 4
74		OUT	SEGMENT 5	FL Segment 5
75		OUT	SEGMENT 6	FL Segment 6
76		OUT	SEGMENT 7	FL Segment 7
77		OUT	GRID 2	FL Grid 2
78		OUT	GRID 3	FL Grid 3
79		OUT	GRID 4	FL Grid 4
80		OUT	GRID 5	FL Grid 5

KR-694/V5560/V6060

ADJUSTMENT

[FM,AM SECTION : E,T Type ONLY]

No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER SETTINGS	ALIGNMENT POINT	ALIGN FOR	FIG.
FM SECTION SELECTOR : FM							
1	DISCRIMINATOR	(A) 98.0MHz 1kHz, ± 75 kHz dev 60dB μ (ANT input)	Connect a DC voltmeter between TP3 and TP4.	AUTO or MONO 98.0MHz	L3 (X05-) L4 (X05-)	0V Minimum distortion	(a)
2	DISTORTION (STEREO)	(C) 98.0MHz 1kHz, ± 68.25 kHz dev Selector: L or R Pilot : ± 6.75 kHz dev 60dB μ (ANT input)	(B)	98.0MHz	IFT (W02-)	Minimum distortion. (L or R)	
3	SEPARATION	(C) 98.0MHz Stereo signal 60dB μ (ANT input)	(B)	AUTO 98.0MHz	VR3 (X05-)	Minimum crosstalk	
4	TUNING LEVEL	(A) 98.0MHz 0dev 14dB μ (ANT input)75 Ω 18dB μ (ANT input)30 Ω	(B)	AUTO or MONO 98.0MHz	VR1 (X05-)	Adjust VR1 and stop at the point where ED1(TUNED) goes on.	
AM SECTION SELECTOR : AM							
(1)	TUNING LEVEL	(D) 1008kHz 20dB μ (ANT input)	(B)	1008kHz	VR2 (X05-)	Adjust VR2 and stop at the point where ED1(TUNED) goes on.	

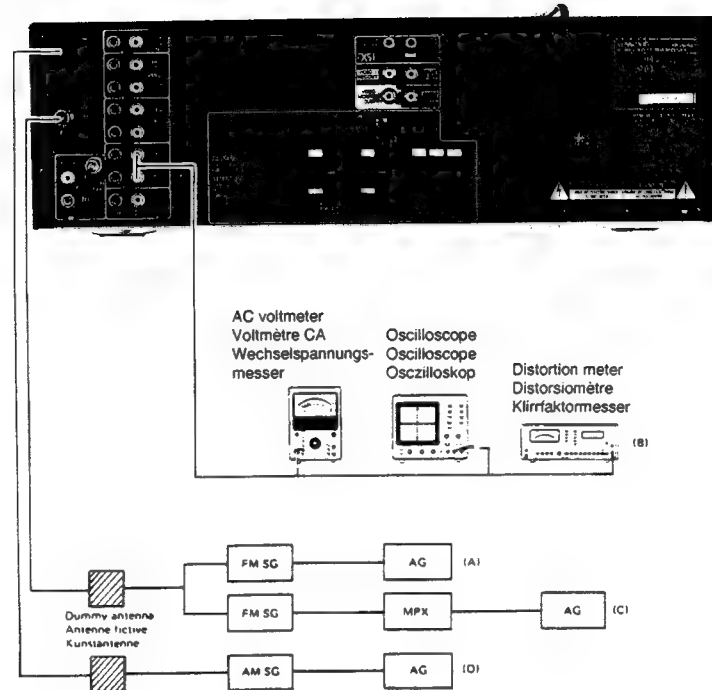
[COMMON]

No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	AMPLIFIER SETTINGS	ALIGNMENT POINT	ALIGN FOR	FIG.
AUDIO SECTION							
< 1 >	IDLE CURRENT	-	(E) Connect a DC voltmeter across CP1(L) CP2(R) CP3(CENTER) CP4(REAR)	Volume:0	VR1(L) VR2(R) VR3(CENTER) VR4(REAR) (X07-)	22mV	(b)
POWER : ON SELECTOR : CD(NO SIGNAL) SURROUND : PRO LOGIC							
< 2 >	PRO LOGIC S-OUT NOISE LEVEL	Short between TP6 and TP7 (B/5), between TP10 and TP11 (E/5). (X09-)	Connect a oscilloscope at Rear sp L or R. (Connect load with Rear sp L or R.)	Volume:MAX REAR LEVEL:MAX	VR3 (X09-)(E/5)	Minimum noise level (fig. ㉔ point of (c).	(c)

KR-694/V5560/V6060

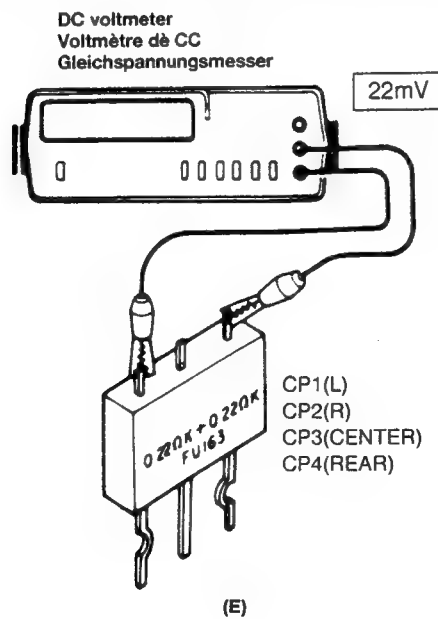
ADJUSTMENT

(a)



(b)

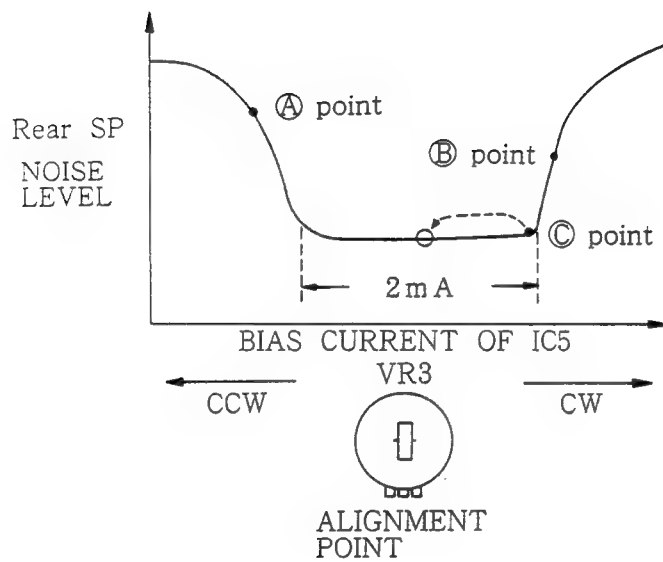
System connections/Reccordements du système/System-Anschlusse



KR-694/V5560/V6060

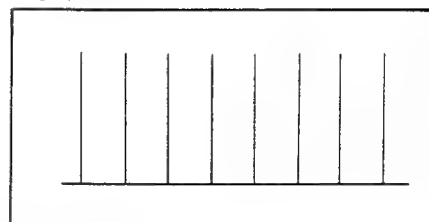
ADJUSTMENT

(c)

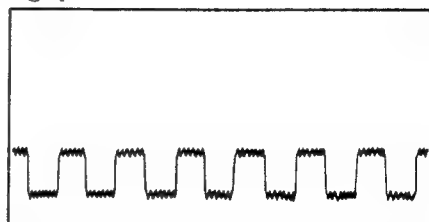


[Procedure]

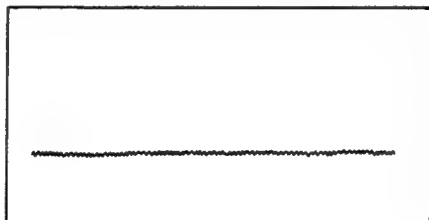
1) A point



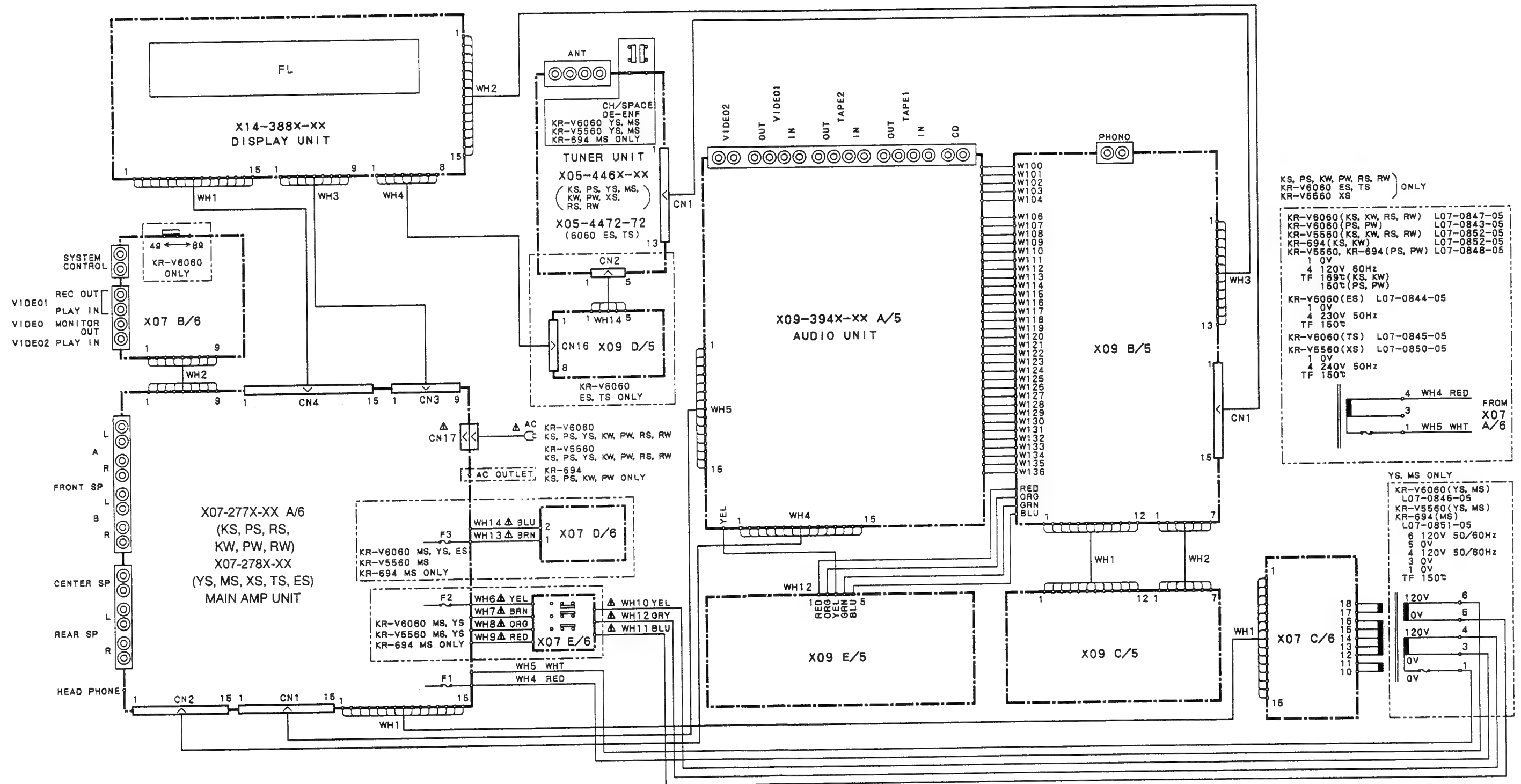
2) B point



3) C point (Minimum noise level)



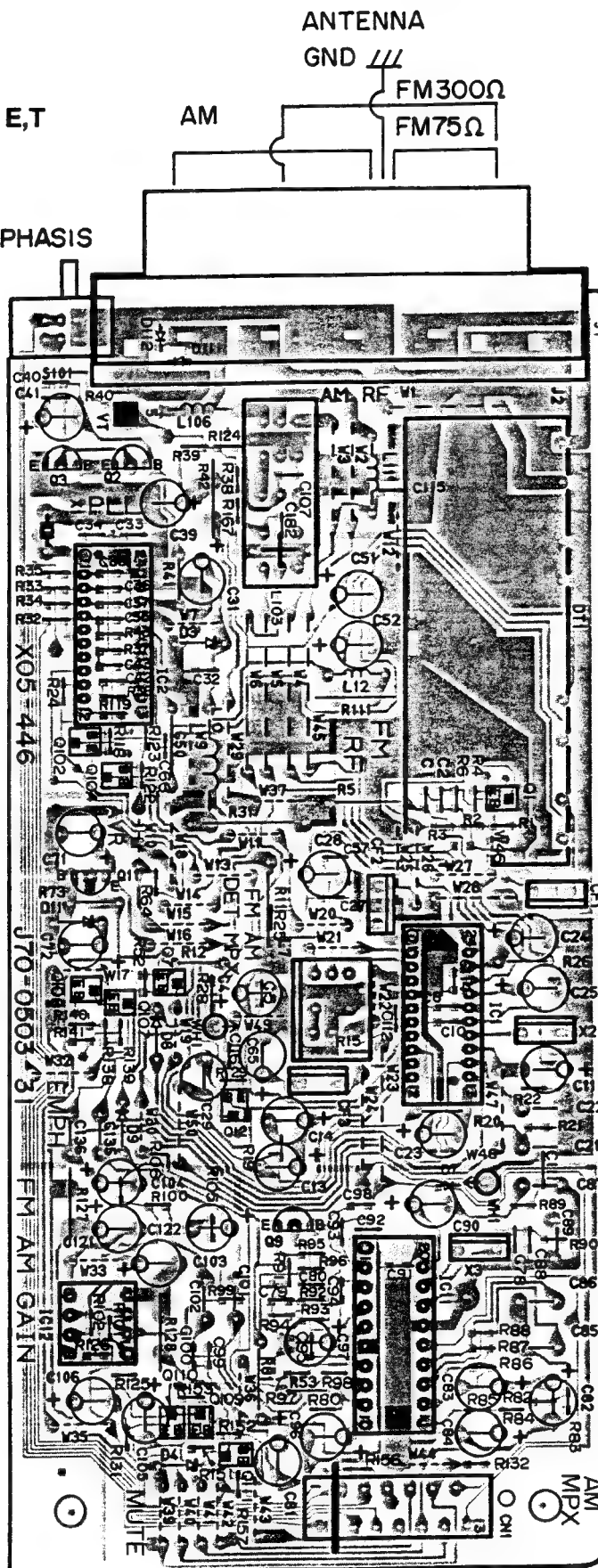
KR-694/V5560/V6060 KR-694/V5560/V6060 WIRING DIAGRAM



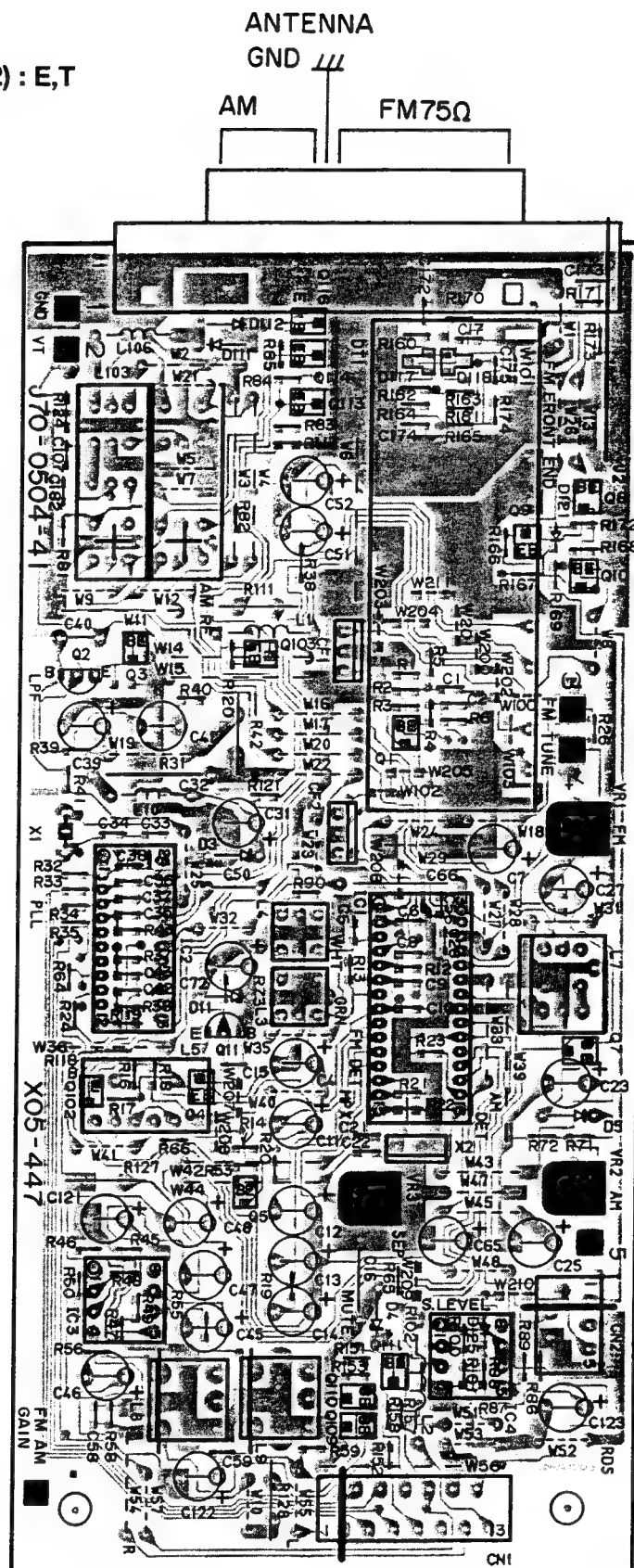
PC BOARD (Component side view)

TUNER UNIT(X05-446X-XX) : Except E,T

DE - EMPHASIS

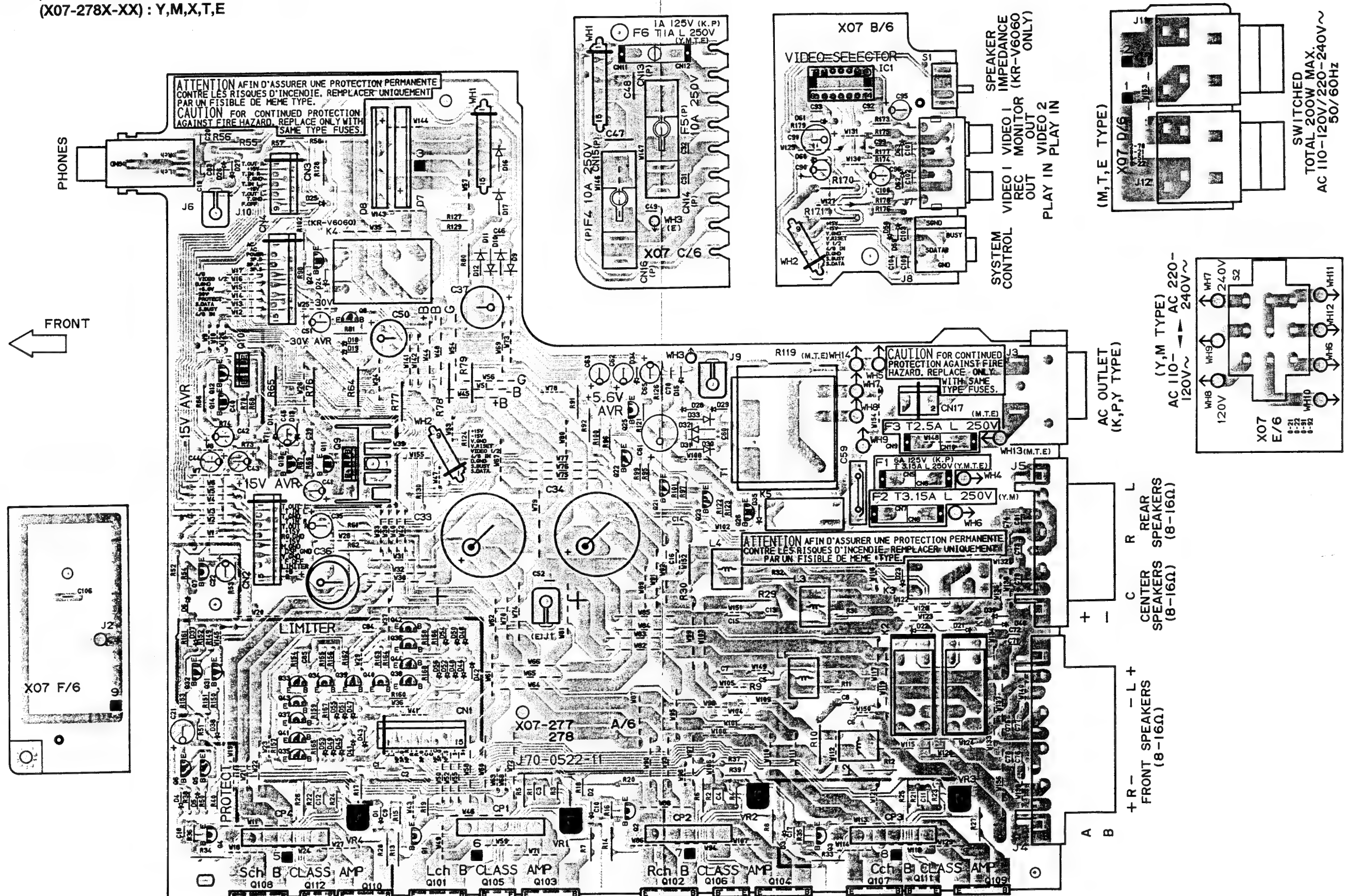


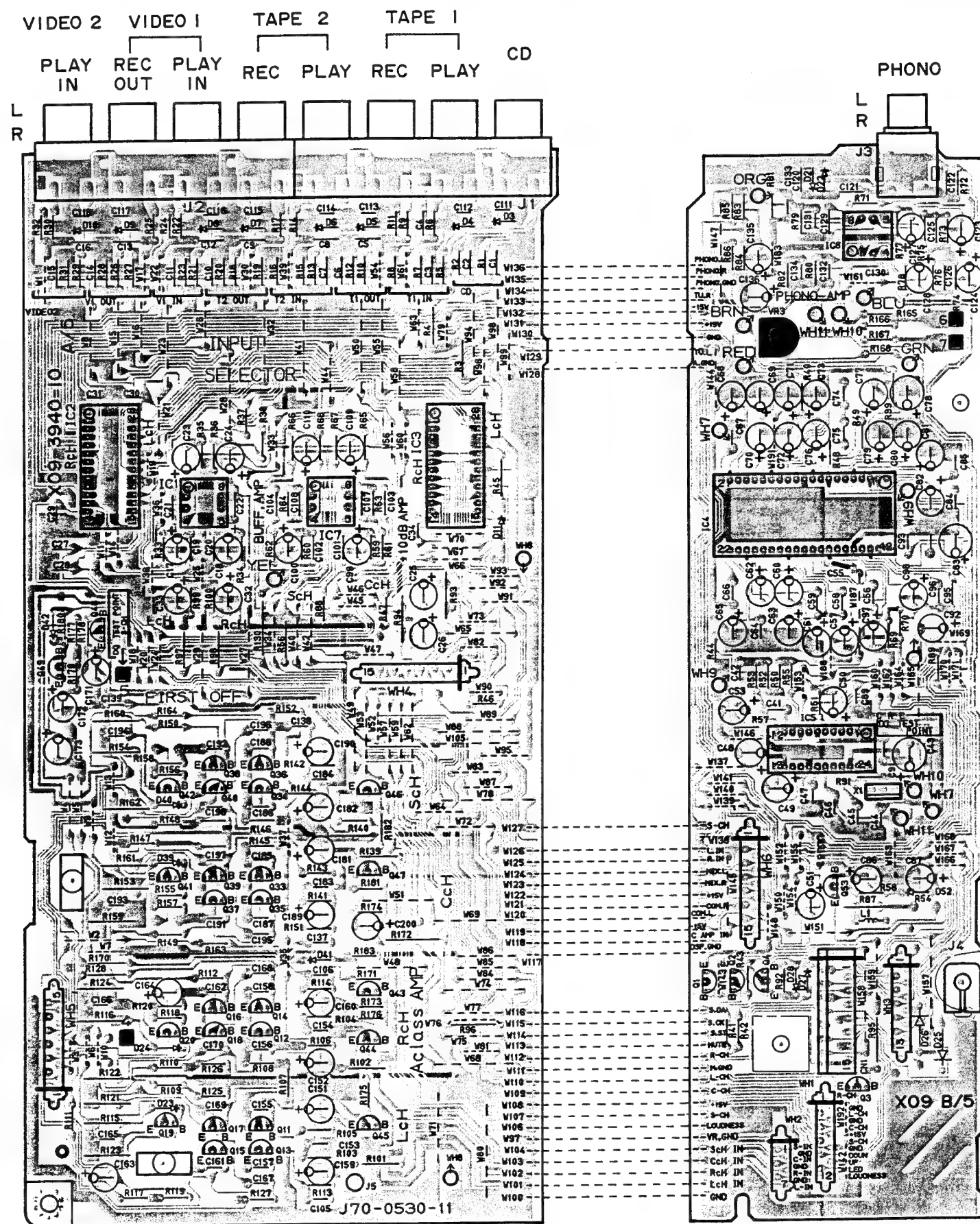
TUNER UNIT(X05-4472-72) : E,T
(KR-V6060 only)



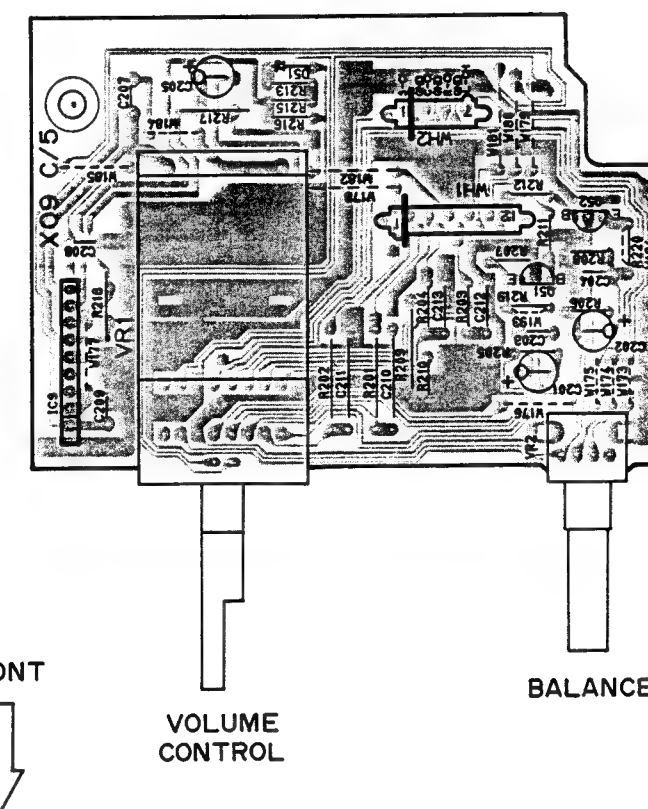
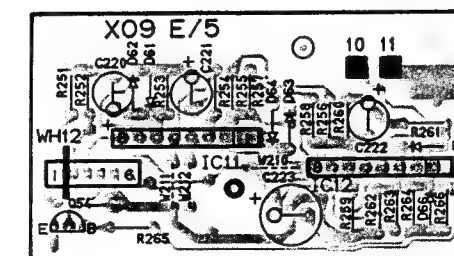
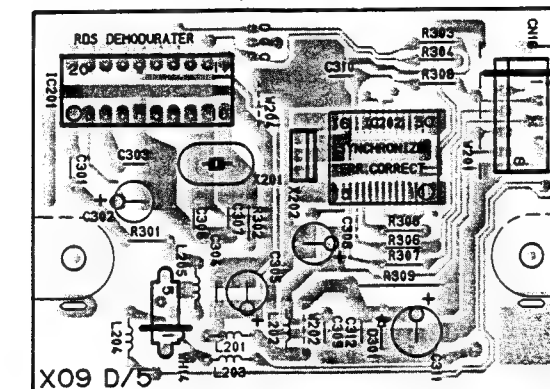
PC BOARD (Component side view)

MAIN AMP UNIT(X07-277X-XX) : K,P,R
(X07-278X-XX) : Y,M,X,T,E



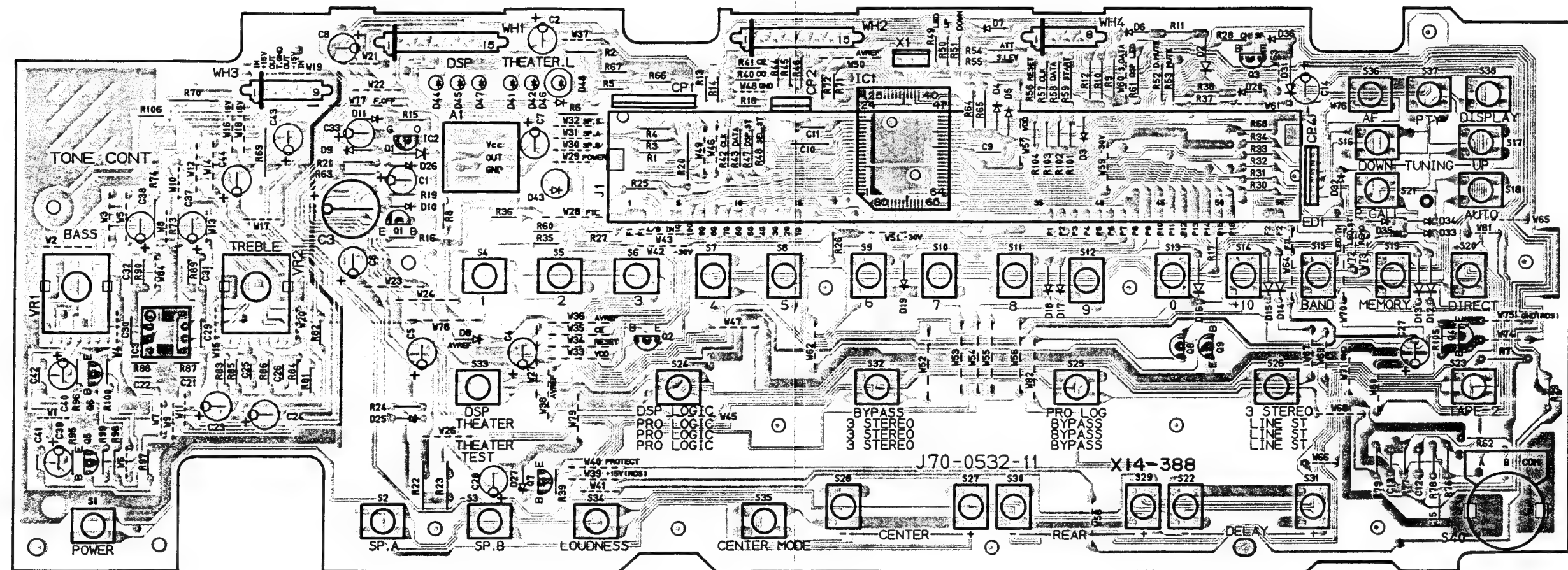


RDS UNIT
KR-V 6060 E,T TYPE ONLY

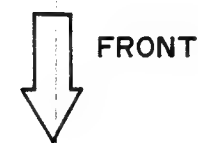


PC BOARD (Component side view)

DISPLAY UNIT(X14-388X-XX)

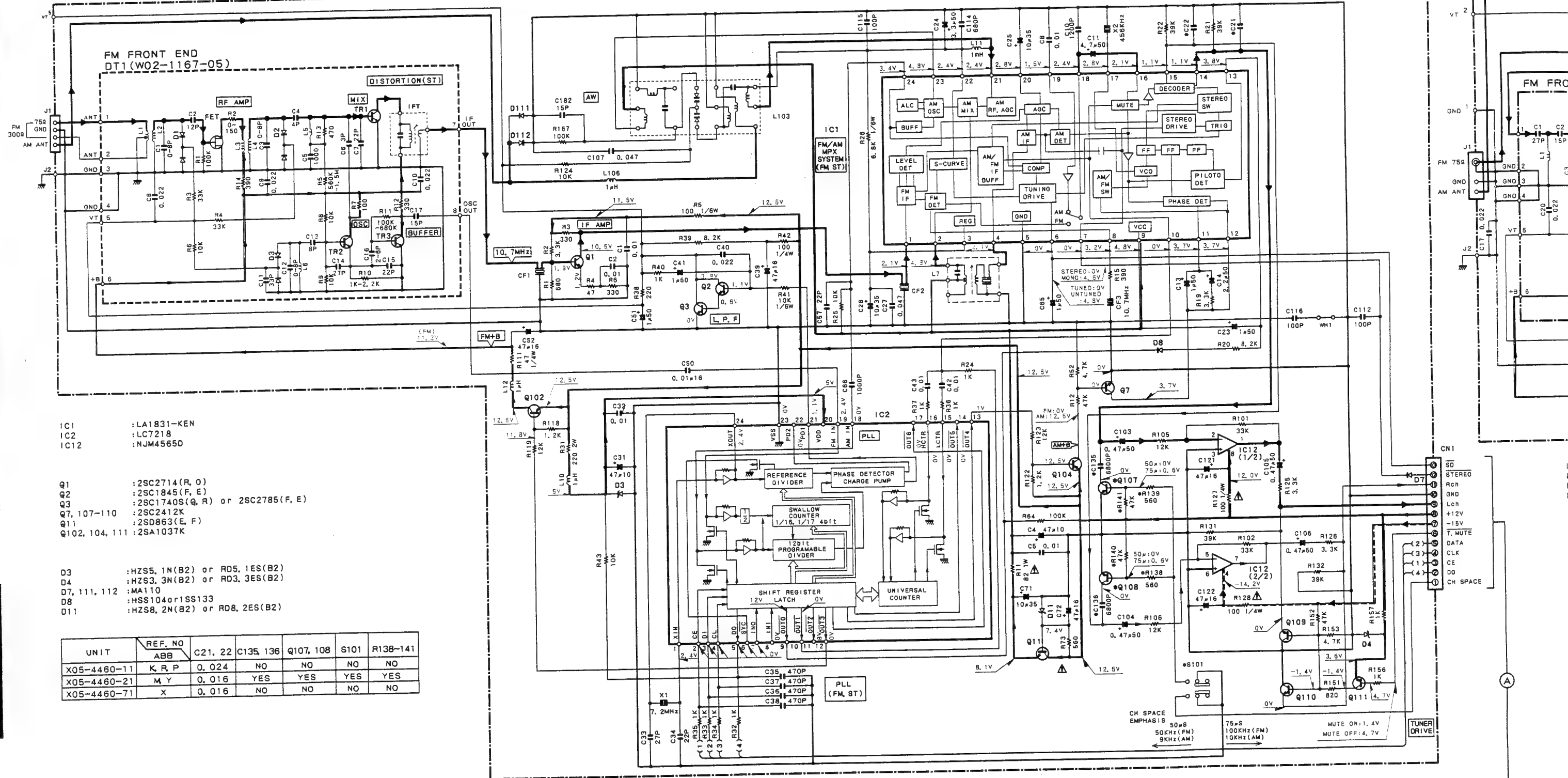


INPUT
SELECTOR

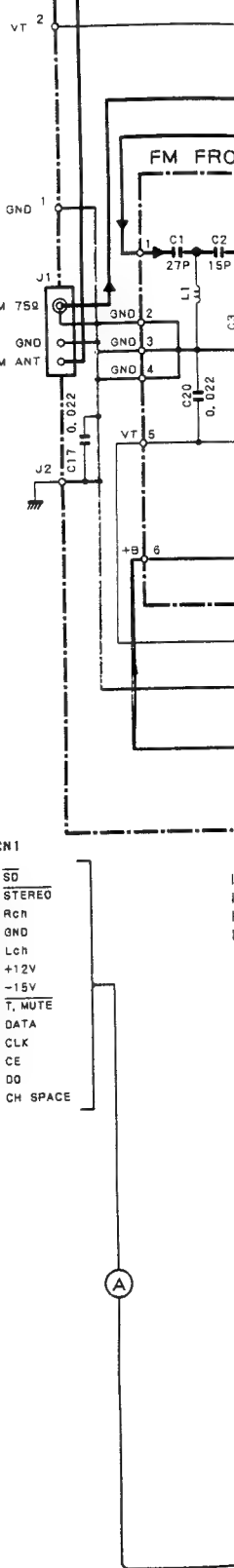


FRONT

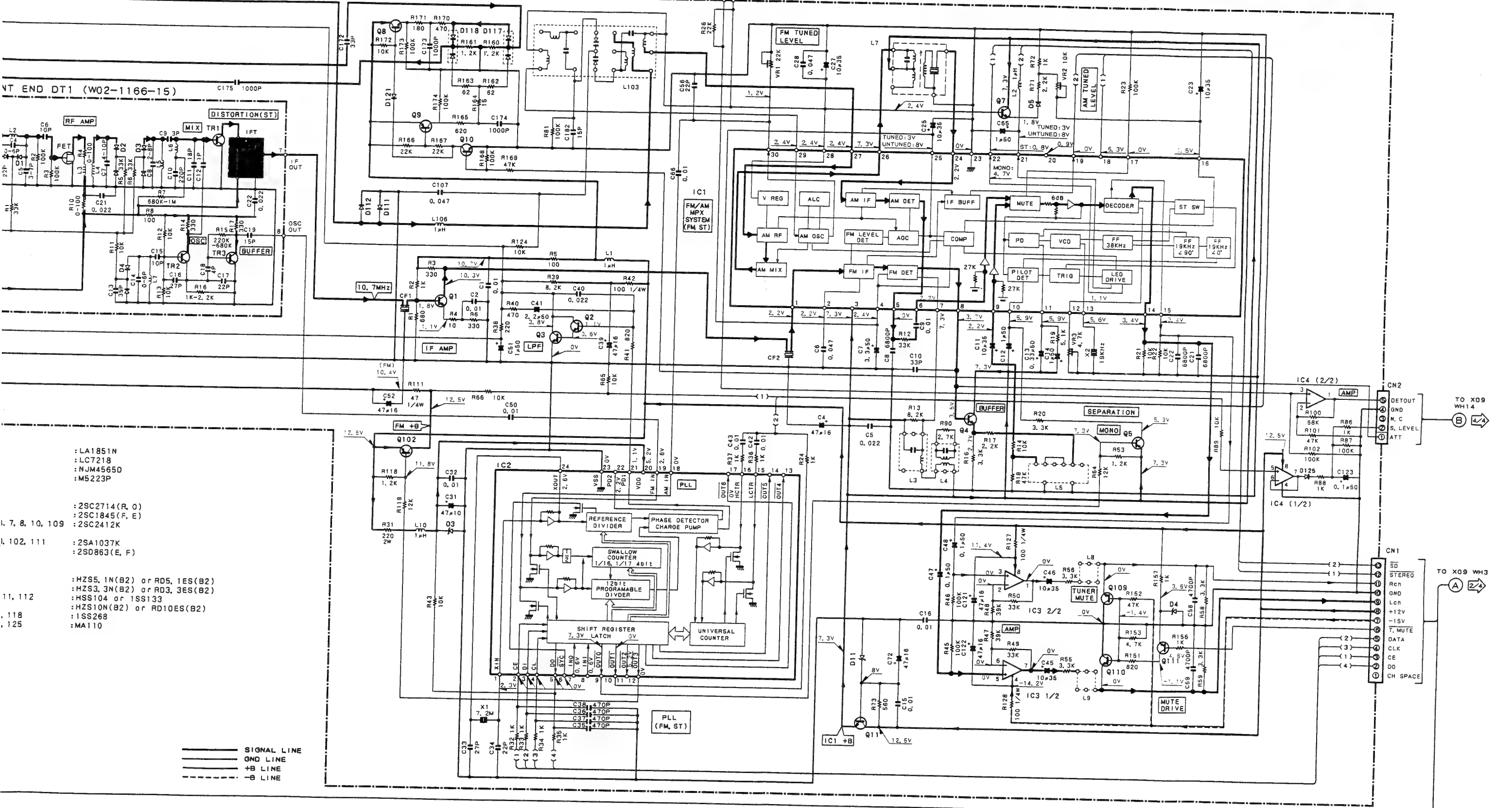
X05-4460-11(K, R, P) X05-4460-71(X) X05-4460-21(M, Y)



X05-4472-72 (



(KR-V6060 E, T TYPE ONLY)

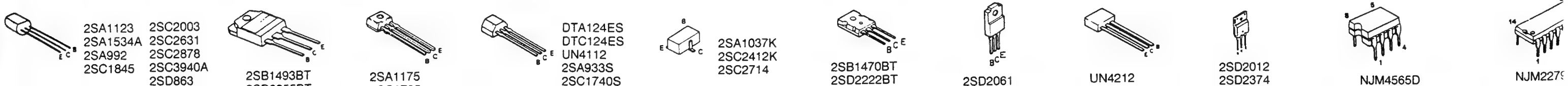
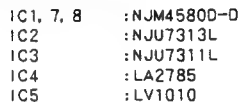


DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U. geringfügig.

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list) Δ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.



AB

AC

AD

AE

AF

AG

AH

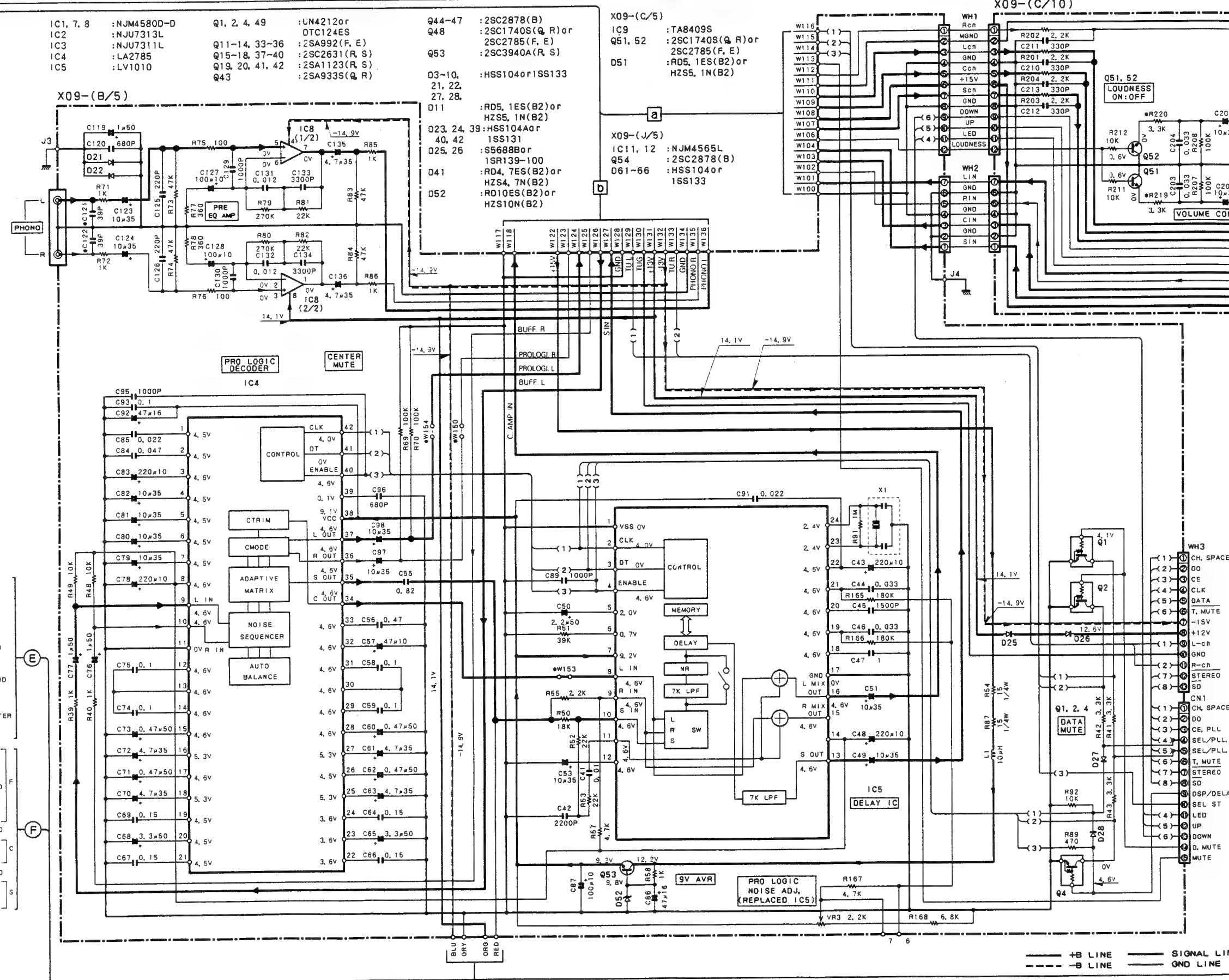
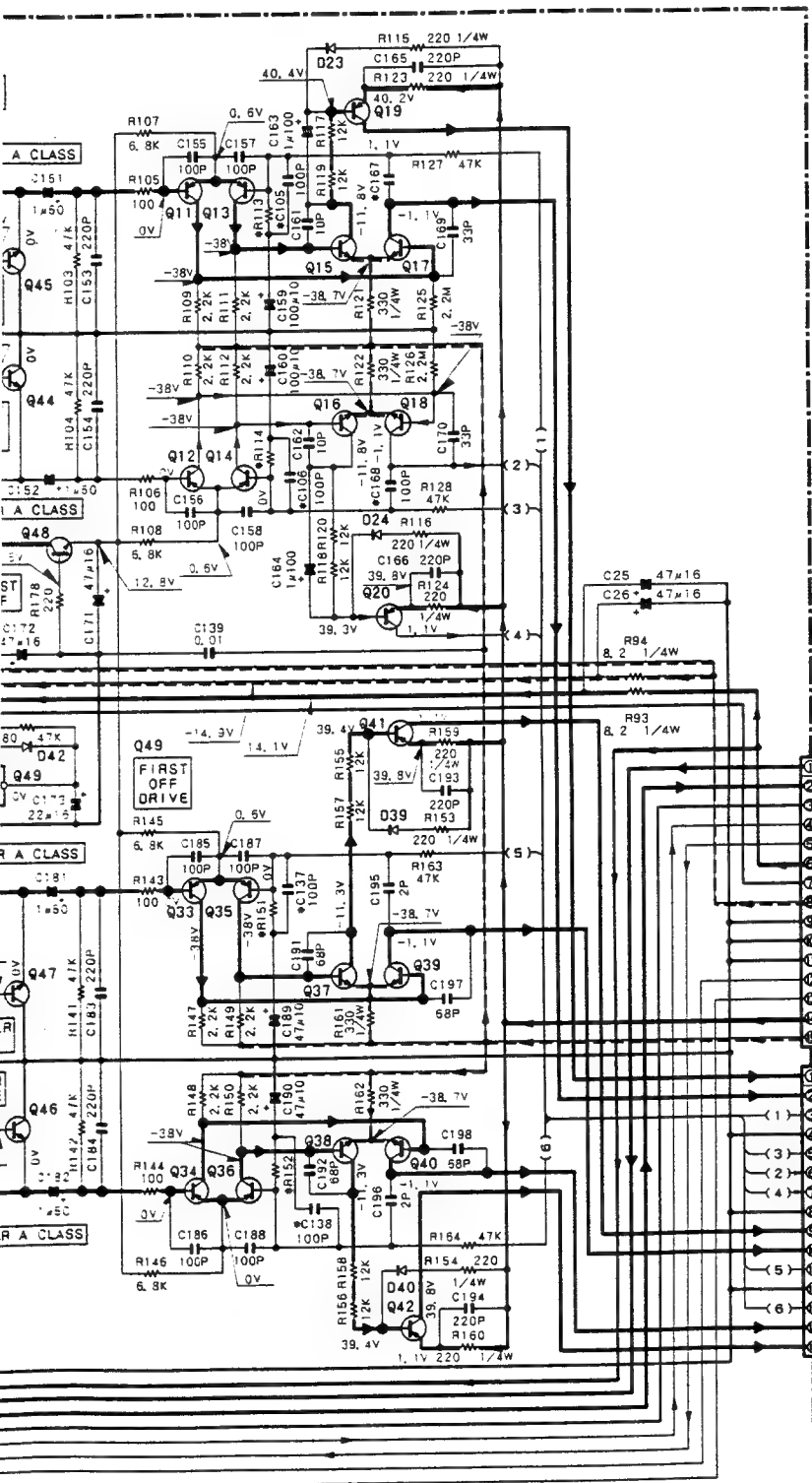
AI

AJ

AK

AL

	C1-4, 7, 8 11, 12, 15, 16 105, 106, 137 138, 121, 122	C51	C167, 168	R113, 114, 151, 152	R213	R219 220	VR1	W76 150 153 154	W193 194	D51
M	NO	YES	2P	270	NO	NO	R29-5087-05	YES	YES	YES
M X	YES	NO	7P	270	NO	NO	R29-5087-05	NO	YES	YES
	NO	YES	2P	360	NO	YES	R29-5088-05	YES	NO	NO
	NO	YES	2P	360	NO	YES	R29-5088-05	YES	NO	NO



IC1, 7, 8 : NJM4580D-D
IC2 : NJU7313L
IC3 : NJU7311L
IC4 : LA2785
IC5 : LV1010

Q1, 2, 4, 49 : UN4212or
Q11-14, 33-36 : 2SA992(F, E)
Q15-18, 37-40 : 2SC2631(R, S)
Q19, 20, 41, 42 : 2SA1123(R, S)
Q43 : 2SA933S(Q, R)

Q44-47 : 2SC2878(B)
Q48 : 2SC1740S(Q, R)or
2SC2785(F, E)
Q53 : 2SC3940A(R, S)

D3-10, 21, 22, 27, 28, D11 : HSS104or1SS133

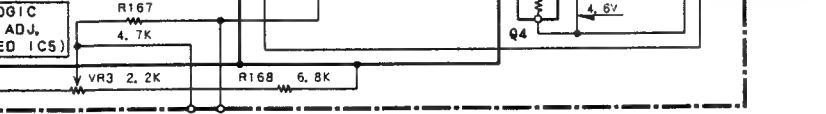
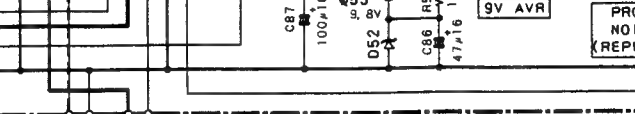
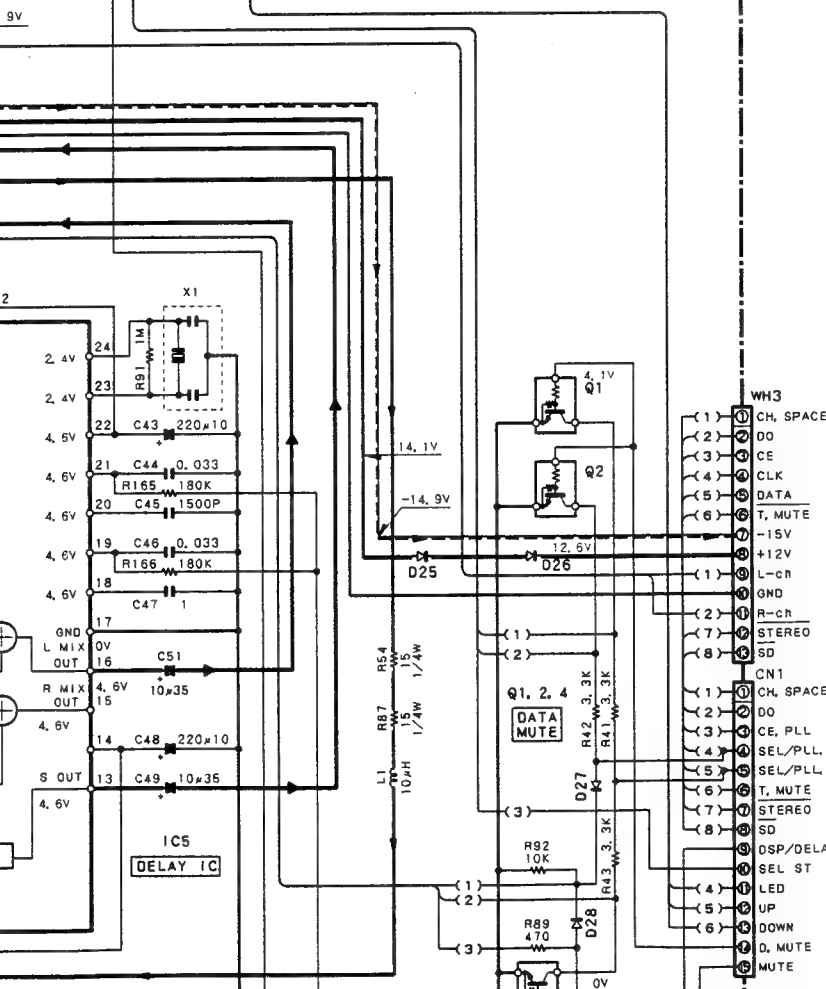
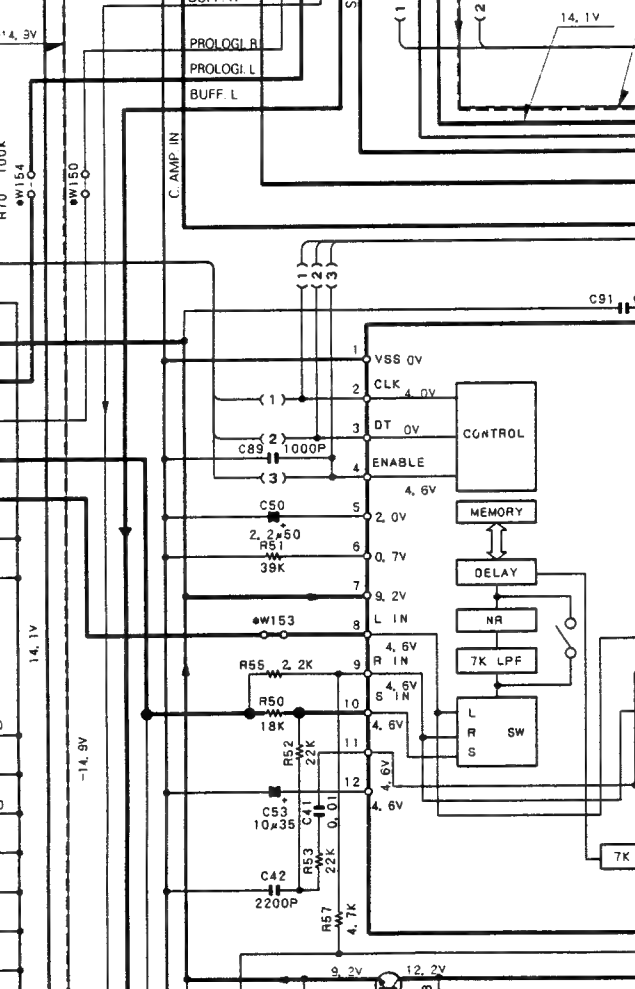
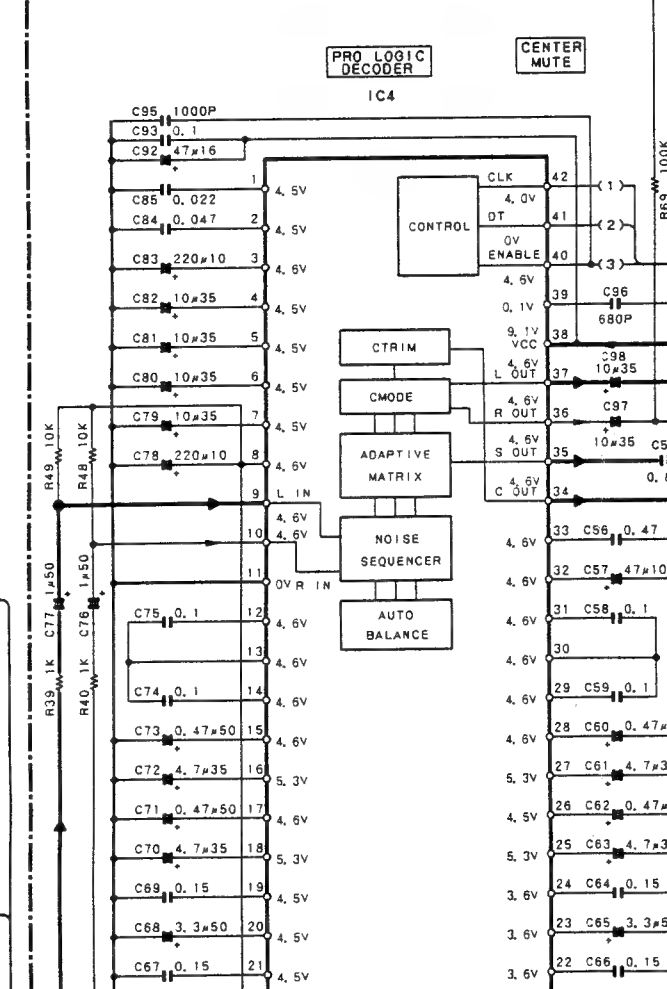
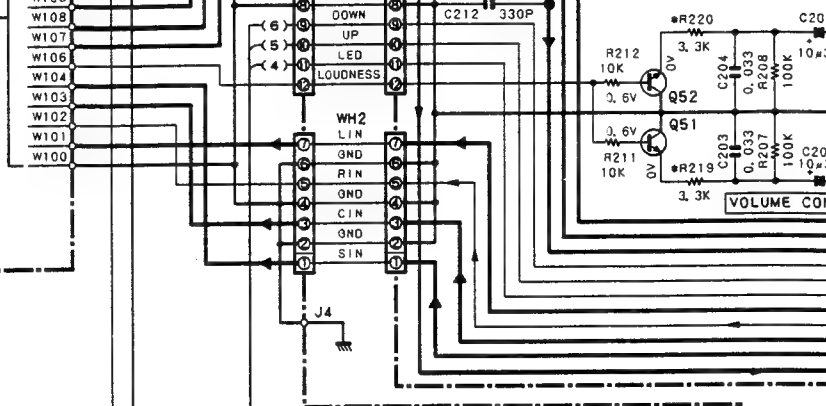
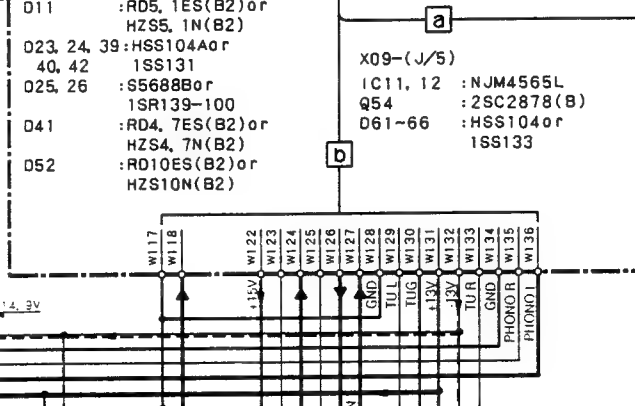
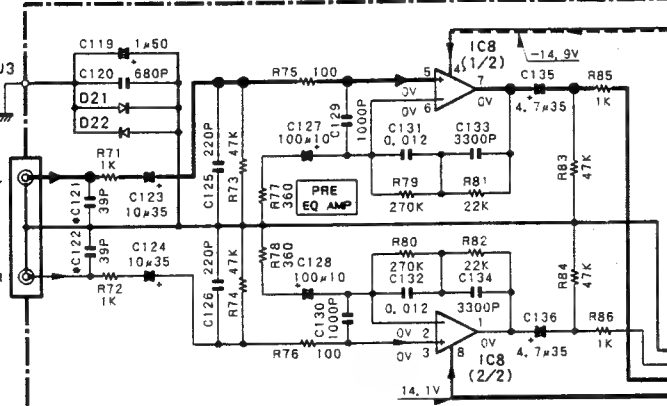
D23, 24, 39 : HSS104Aor
1SS131
D25, 26 : S5688Bor
1SR139-100
D41 : RD4, 7ES(B2)or
HZS4, 7N(B2)
D52 : RD10ES(B2)or
HZS10N(B2)

X09-(C/5)
IC9 : TA8409S
Q51, 52 : 2SC1740S(Q, R)or
2SC2785(F, E)
D51 : RD5, 1ES(B2)or
HZS5, 1N(B2)

X09-(J/5)
IC11, 12 : NJM4565L
Q54 : 2SC2878(B)
D61-66 : HSS104or
1SS133

X09-(C/10)

X09-(B/5)



PRO LOGIC DECODER
IC4

CONTROL
CLK 4.0V
DT 0V
ENABLE 4.0V
VCC 4.0V
L OUT 0.1V
R OUT 4.0V
S OUT 4.0V
C OUT 4.0V

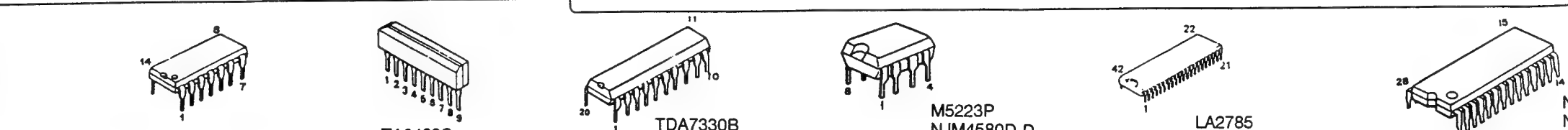
CTRIM
CMODE
ADAPTIVE MATRIX
NOISE SEQUENCER
AUTO BALANCE

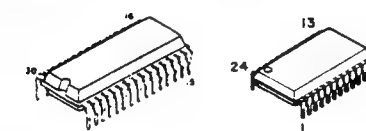
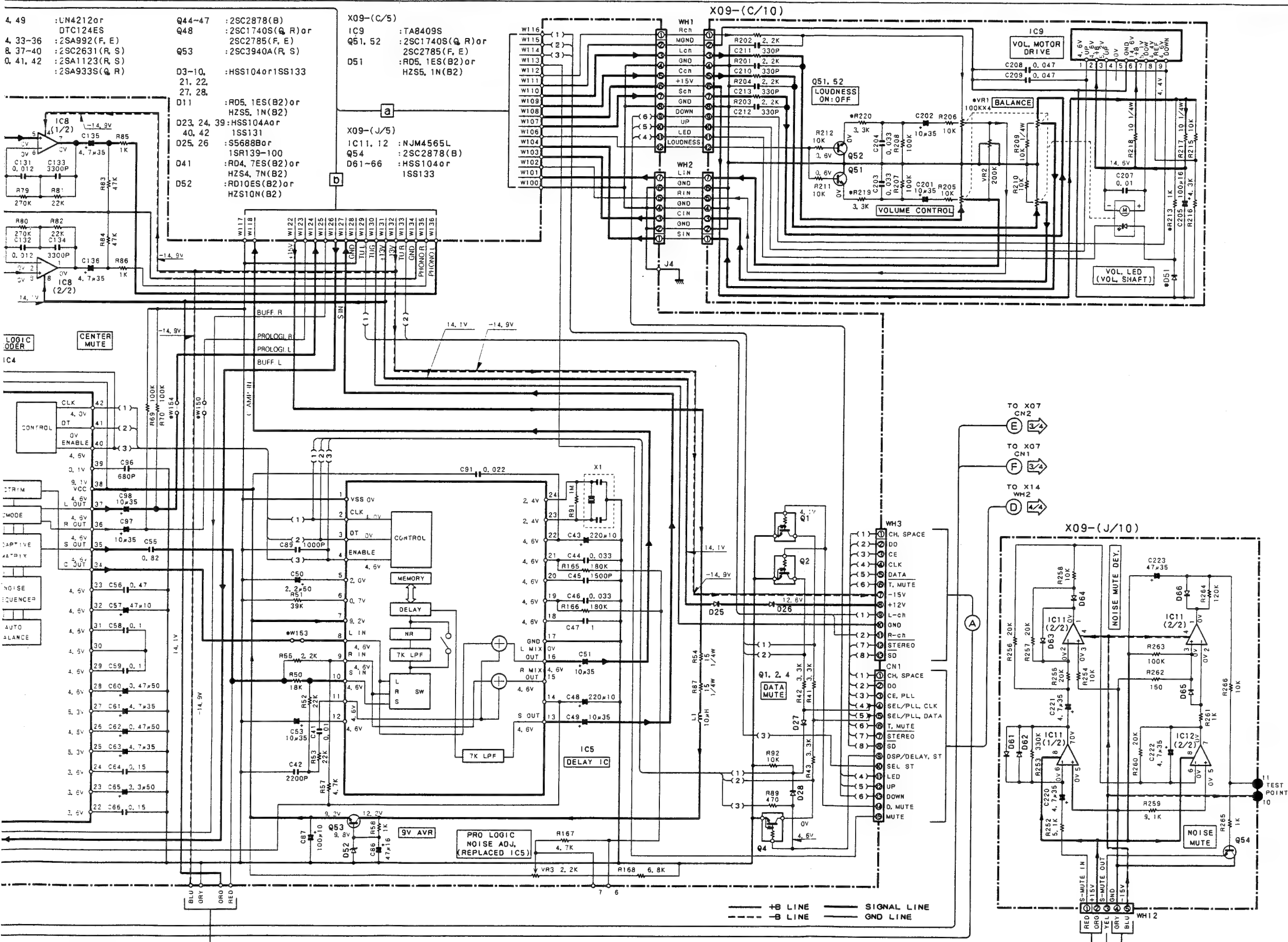
PRO LOGIC
PRO LOGIC L
BUFF L
C AMP IN
C AMP OUT
C AMP IN
C AMP OUT

PRO LOGIC
PRO LOGIC R
BUFF R
C AMP IN
C AMP OUT
C AMP IN
C AMP OUT

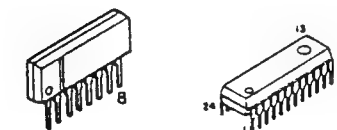
PRO LOGIC
PRO LOGIC L
BUFF L
C AMP IN
C AMP OUT
C AMP IN
C AMP OUT

PRO LOGIC
PRO LOGIC R
BUFF R
C AMP IN
C AMP OUT
C AMP IN
C AMP OUT

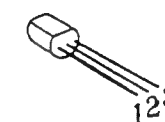




LA1851N LA1831-KEN



NJM4565L LC7218 LV1010



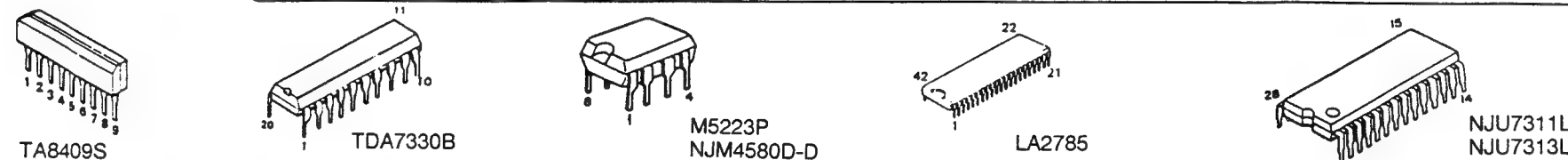
S-80740AL

DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

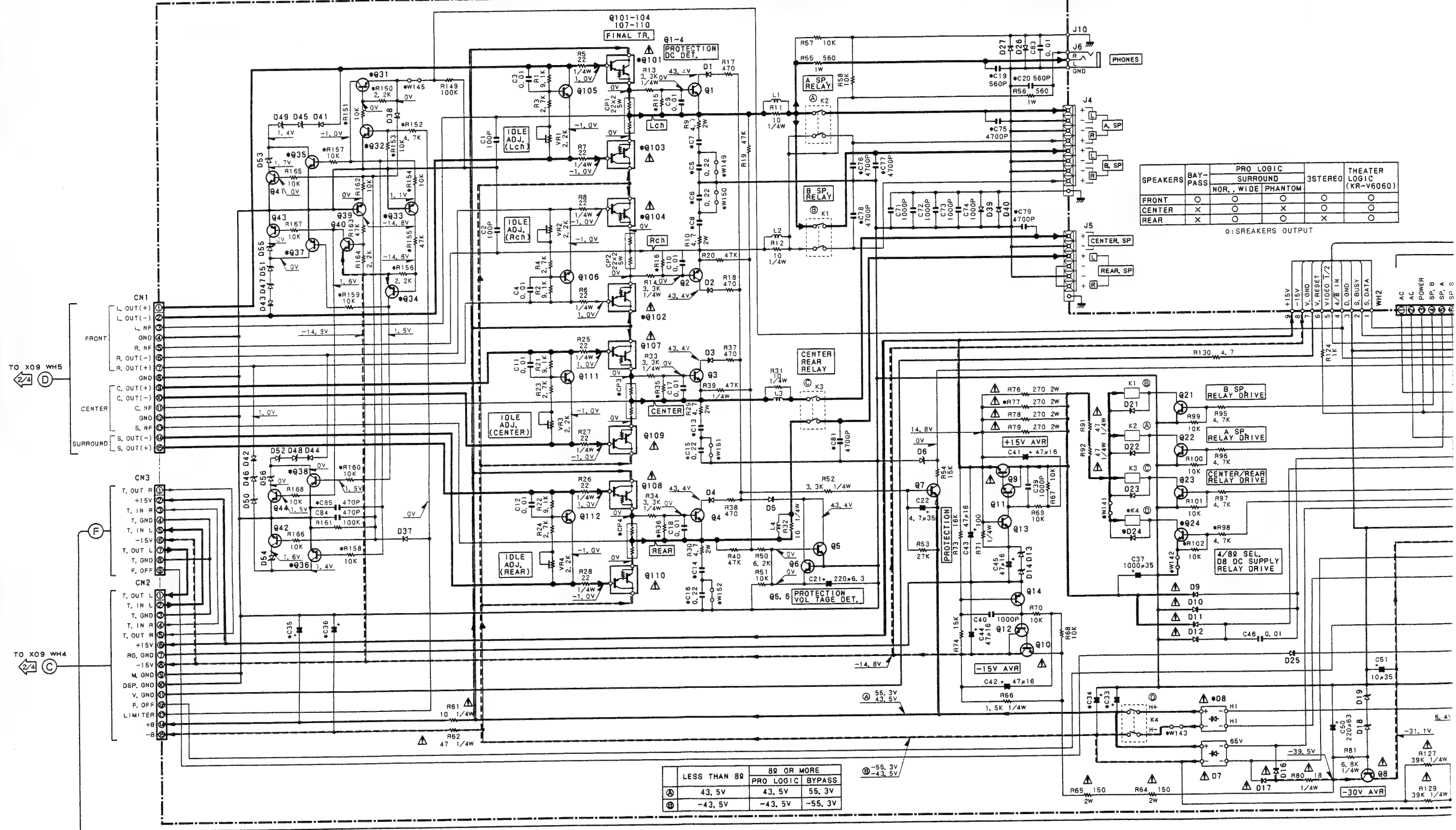
Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U.geringfügig.

CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list) Δ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.



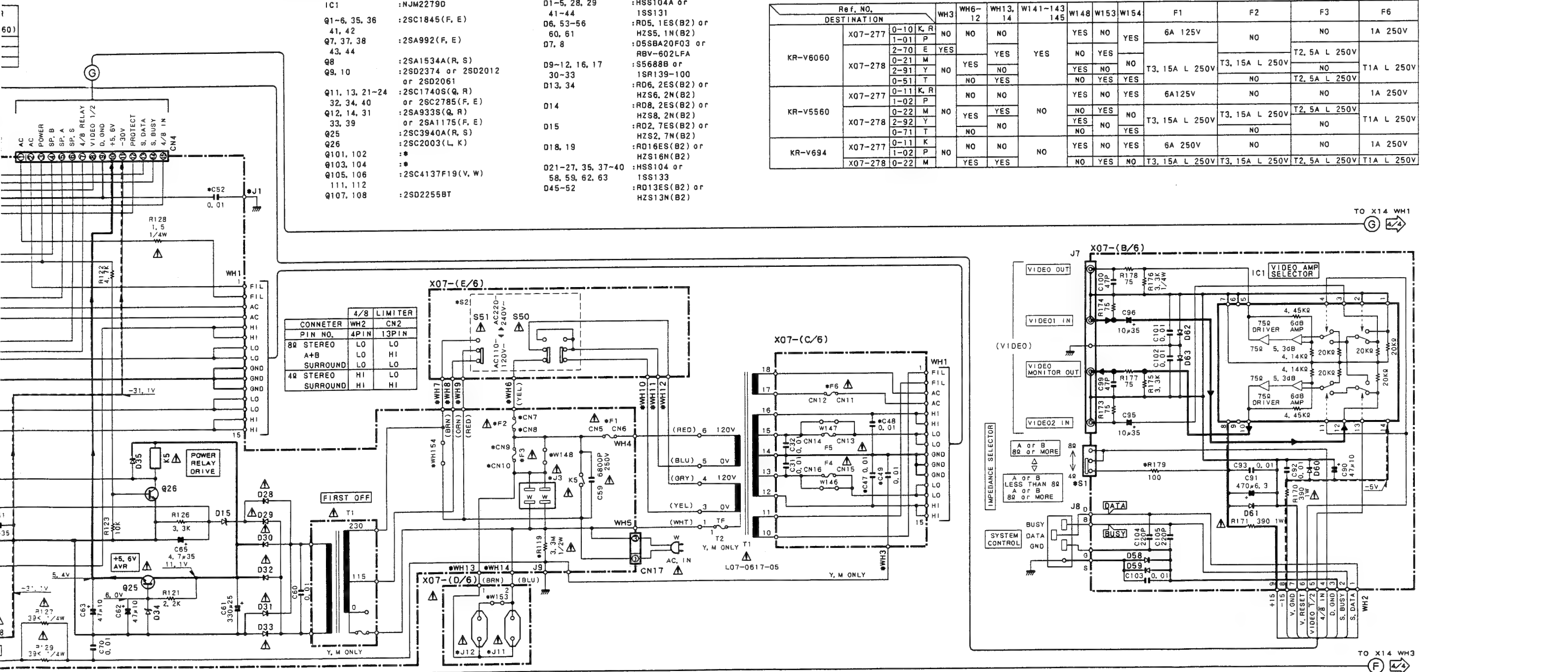
X07-277X-XX (A/6) X07-278X-XX (A/6)



Ref. NO.	DESTINATION	CN7, 8 S2	CN9, 10	Q24, 31-38	Q8, 24	C7, 8, 13, 14	C5, 6 15, 16	W149- 152	C19, 20	C33, 34	C35	C36	C47, 48 85	C49, 52, 75-79 81	R15, 16	R35, 36	R77	R98, 152	R102, 151, 153 154, 157-160	R119	R150, 156	R155	R179	CP3, 4	J1	J3	J11, 12	K4	S1	Q101, 102	Q103, 104
KR-V6060	X07-277	0-10 K, R	NO	NO	YES	0.1 μ	NO	YES	NO	6800 μ 71	10 μ 100	330 μ 100	YES	NO	910	680	NO	YES	YES	3.3M 1/2W	YES	YES	YES	0.33x2 5W	NO	YES	NO	YES	YES	2SD2222BT	2SB1470BT
	X07-278	1-01 P	NO	YES	YES	0.22 μ	YES	NO	YES	6800 μ 71	10 μ 100	330 μ 100	YES	YES	910	680	YES	YES	YES	3.3M 1/2W	YES	YES	YES	0.33x2 5W	YES	NO	YES	YES	YES	2SD2222BT	2SB1470BT
	X07-278	2-70 E	YES	YES	YES	0.1 μ	NO	YES	NO	6800 μ 71	10 μ 100	330 μ 100	YES	NO	910	680	NO	YES	YES	3.3M 1/2W	YES	YES	YES	0.33x2 5W	NO	YES	NO	YES	YES	2SD2222BT	2SB1470BT
	X07-278	0-21 M	YES	YES	YES	0.1 μ	NO	YES	NO	6800 μ 71	10 μ 100	330 μ 100	YES	NO	910	680	NO	YES	YES	3.3M 1/2W	YES	YES	YES	0.33x2 5W	NO	YES	NO	YES	YES	2SD2222BT	2SB1470BT
KR-V5560	X07-277	0-11 K, R	NO	NO	NO	0.1 μ	NO	YES	NO	6800 μ 63	10 μ 63	330 μ 63	NO	NO	1.1K	1.1K	NO	NO	NO	NO	NO	NO	NO	0.22x2 5W	NO	NO	YES	NO	NO	2SD2255BT	2SB1493BT
	X07-278	1-02 P	YES	YES	NO	0.1 μ	NO	YES	NO	6800 μ 63	10 μ 63	330 μ 63	NO	NO	1.1K	1.1K	NO	NO	NO	NO	NO	NO	NO	0.22x2 5W	NO	NO	YES	NO	NO	2SD2255BT	2SB1493BT
	X07-278	2-92 Y	YES	YES	NO	0.1 μ	NO	YES	NO	6800 μ 63	10 μ 63	330 μ 63	NO	NO	1.1K	1.1K	NO	NO	NO	NO	NO	NO	NO	0.22x2 5W	NO	NO	YES	NO	NO	2SD2255BT	2SB1493BT
	X07-278	0-71 X	NO	NO	NO	0.1 μ	NO	YES	NO	6800 μ 63	10 μ 63	330 μ 63	NO	NO	1.1K	1.1K	NO	NO	NO	NO	NO	NO	NO	0.22x2 5W	NO	NO	YES	NO	NO	2SD2255BT	2SB1493BT
KR-694	X07-277	0-11 K, R	NO	NO	NO	0.1 μ	NO	YES	NO	6800 μ 63	10 μ 63	330 μ 63	NO	NO	1.1K	1.1K	NO	NO	NO	3.3M 1/2W	NO	NO	NO	0.22x2 5W	NO	NO	YES	NO	NO	2SD2255BT	2SB1493BT
	X07-278	1-02 P	YES	YES	NO	0.1 μ	NO	YES	NO	6800 μ 63	10 μ 63	330 μ 63	NO	NO	1.1K	1.1K	NO	NO	NO	NO	NO	NO	NO	0.22x2 5W	NO	NO	YES	NO	NO	2SD2255BT	2SB1493BT

IC1	: NJM2279D	D1-5, 28, 29	: HSS104A or
Q1-6, 35, 36	: 2SC1845 (F, E)	41-44	: 1SS131
41, 42		D6, 53-56	: RD5, 1ES (B2) or
Q7, 37, 38	: 2SA992 (F, E)	60, 61	: HZS5, 1N (B2)
43, 44		D7, 8	: D5SBA20F03 or
Q8	: 2SA1534A (R, S)		: RBV-602LFA
Q9, 10	: 2SD2374 or 2SD2012	D9-12, 16, 17	: S5688B or
	or 2SD2061	30-33	: 1SR139-100
Q11, 13, 21-24	: 2SC1740S (Q, R)	D13, 34	: RD6, 2ES (B2) or
32, 34, 40	or 2SC2785 (F, E)		: HZS6, 2N (B2)
Q12, 14, 31	: 2SA933S (Q, R)	D14	: RD8, 2ES (B2) or
33, 39	or 2SA1175 (F, E)		: HZS8, 2N (B2)
Q25	: 2SC3940A (R, S)	D15	: RD2, 7ES (B2) or
Q26	: 2SC2003 (L, K)		: HZS2, 7N (B2)
Q101, 102	: *	D18, 19	: RD16ES (B2) or
Q103, 104	: *		: HZS16N (B2)
Q105, 106	: 2SC4137F19 (V, W)	D21-27, 35, 37-40	: HSS104 or
111, 112		58, 59, 62, 63	: 1SS133
Q107, 108	: 2SD2255BT	D45-52	: RD13ES (B2) or
			: HZS13N (B2)

Ref. NO.	DESTINATION	WH3	WH6- 12	WH13, 14	W141-143 145	W148	W153	W154	F1	F2	F3	F6
KR-V6060	X07-277	0-10 K, R	NO	NO	NO	YES	NO	YES	6A 125V	NO	NO	1A 250V
	X07-278	1-01 P	NO	NO	NO	NO	YES	YES	6A 125V	NO	NO	1A 250V
	X07-278	2-70 E	YES	YES	YES	NO	YES	YES	6A 125V	NO	NO	1A 250V
	X07-278	0-21 M	NO	YES	YES	YES	NO	YES	6A 125V	NO	NO	1A 250V
KR-V5560	X07-277	0-11 K, R	NO	NO	NO	YES	NO	YES	6A 125V	NO	NO	1A 250V
	X07-278	1-02 P	NO	NO	NO	NO	YES	YES	6A 125V	NO	NO	1A 250V
	X07-278	2-92 Y	YES	YES	YES	NO	YES	YES	6A 125V	NO	NO	1A 250V
	X07-278	0-71 T	NO	NO	NO	NO	YES	YES	6A 125V	NO	NO	1A 250V
KR-V694	X07-277	0-11 K, R	NO	NO	NO	YES	NO	YES	6A 250V	NO	NO	1A 250V
	X07-278	1-02 P	NO	NO	NO	NO	YES	YES	6A 250V	NO	NO	1A 250V



DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

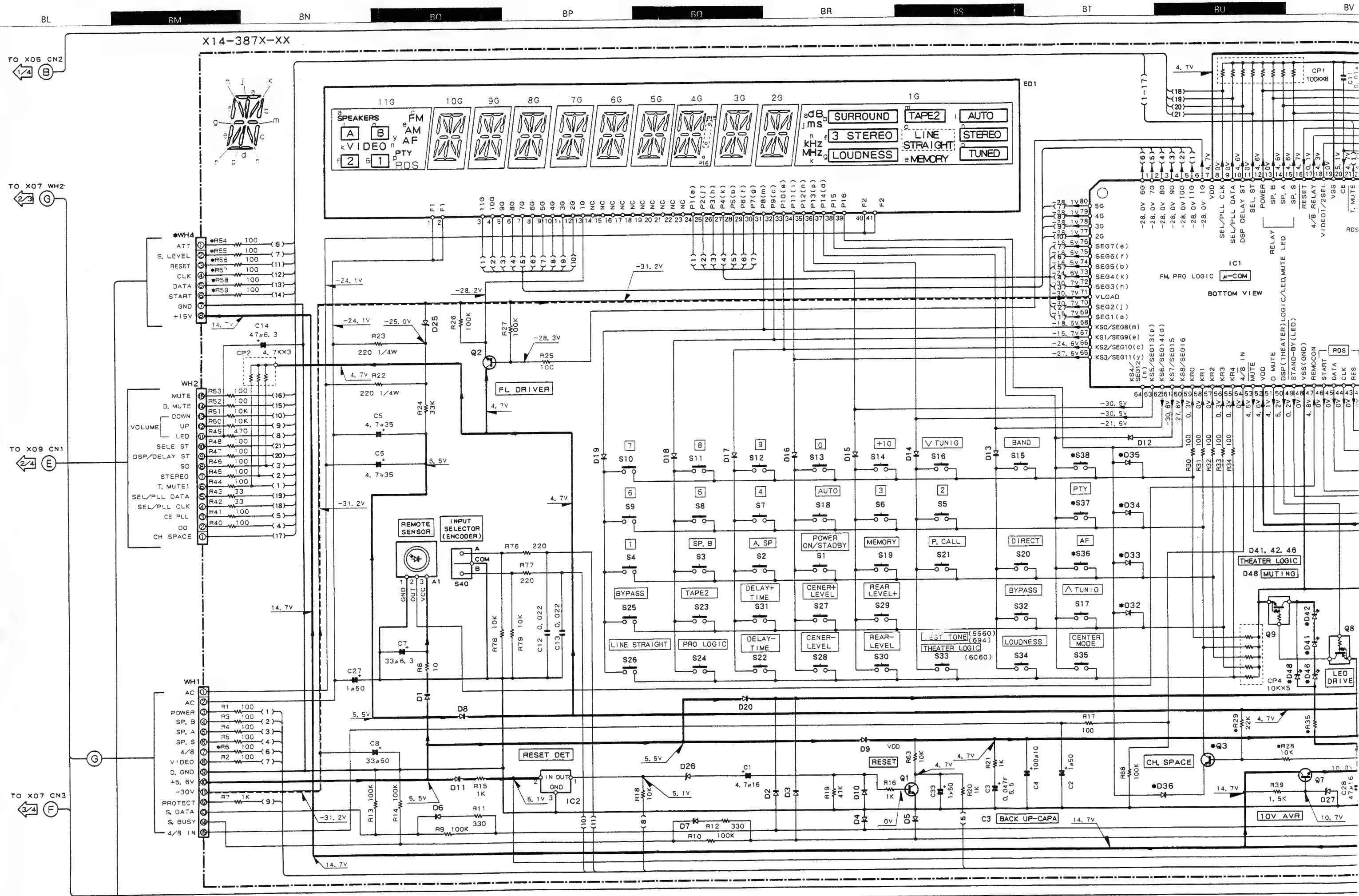
Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

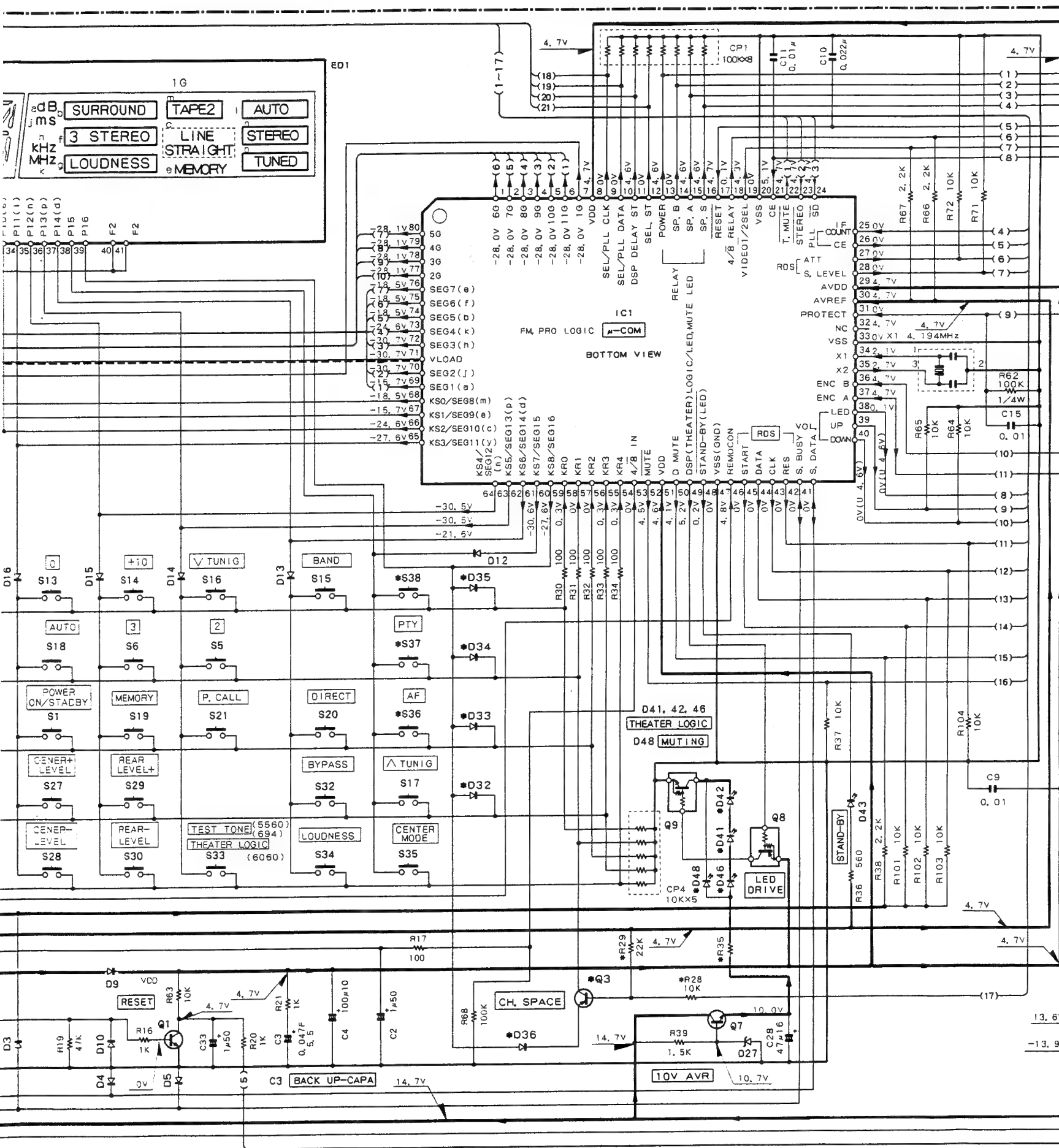
Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U. geringfügig.

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

SIGNAL LINE
GND LINE
+B LINE
-B LINE

3/4 KR-694/V5560





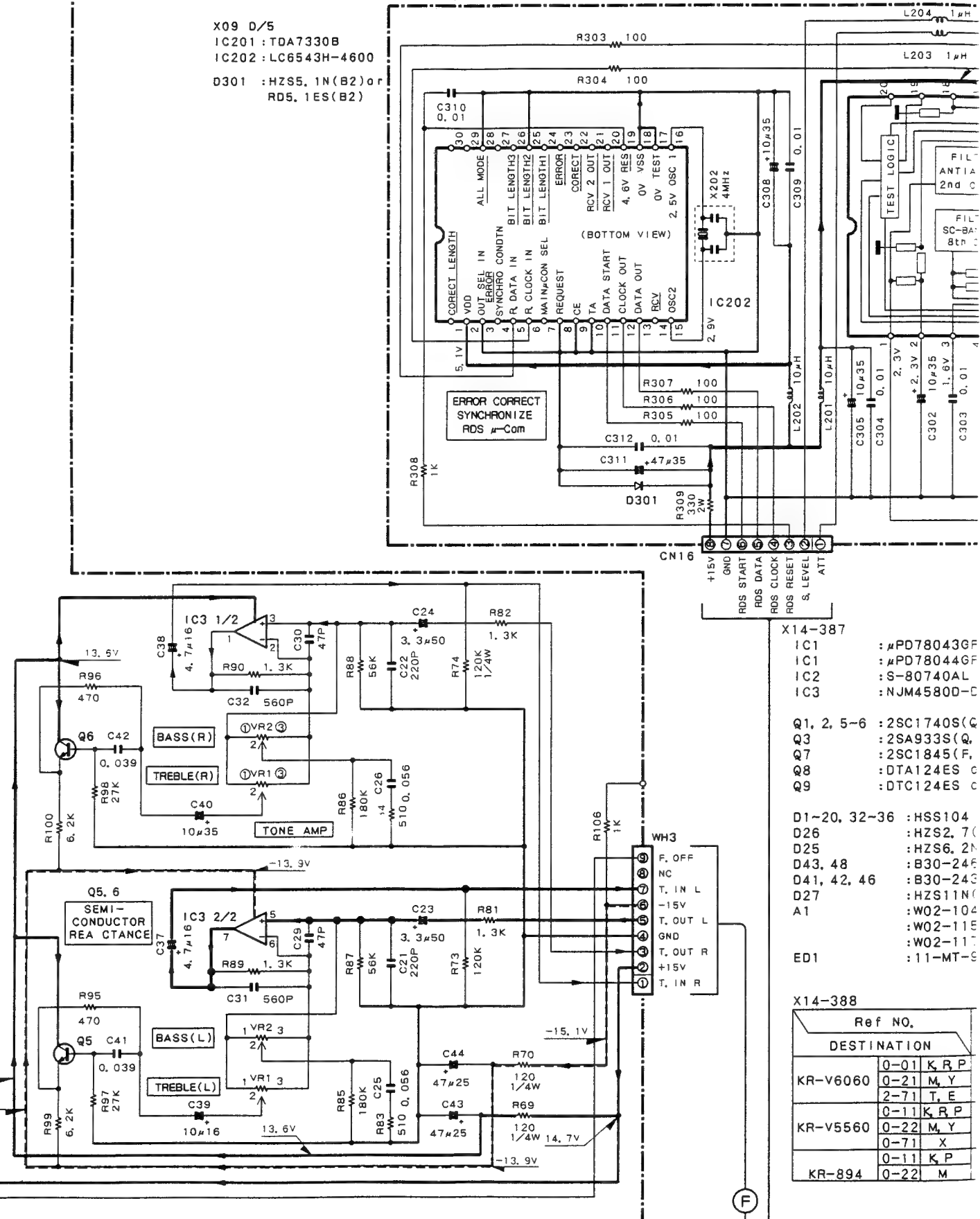
X09 D/5

IC201: TDA7330B


IC202: LC6543H-4600

D301: HZS5, 1N(B2) or
RDS, 1ES(B2)

X09-D/5 KR-V6060(E, T TYP) (RDS UNIT)





CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list)  Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

EXPLODED VIEW (UNIT)



KR-694/V5560/V6060

PARTS LIST

UNIT LIST

KR-694

DESTINATION		TUNER UNIT	MAIN AMP UNIT	AUDIO UNIT	DISPLAY UNIT
Singapore made	K	X05-4460-11	X07-2770-11	X09-3940-11	X14-3880-11
	P	X05-4460-11	X07-2771-02	X09-3940-11	X14-3880-11
	M	X05-4460-21	X07-2780-22	X09-3940-11	X14-3880-22
Malaysia made	K	X05-4460-11	X07-2770-11	X09-3940-11	X14-3880-11
	P	X05-4460-11	X07-2771-02	X09-3940-11	X14-3880-11

KR-V5560

DESTINATION		TUNER UNIT	MAIN AMP UNIT	AUDIO UNIT	DISPLAY UNIT
Singapore made	K	X05-4460-11	X07-2770-11	X09-3940-11	X14-3880-11
	P	X05-4460-11	X07-2771-02	X09-3940-11	X14-3880-11
	Y	X05-4460-21	X07-2782-92	X09-3940-11	X14-3880-22
	M	X05-4460-21	X07-2780-22	X09-3940-11	X14-3880-22
	X	X05-4460-71	X07-2780-11	X09-3940-11	X14-3880-71
	R	X05-4460-11	X07-2770-11	X09-3940-11	X14-3880-11
Malaysia made	K	X05-4460-11	X07-2770-11	X09-3940-11	X14-3880-11
	P	X05-4460-11	X07-2771-02	X09-3940-11	X14-3880-11
	R	X05-4460-11	X07-2770-11	X09-3940-11	X14-3880-11

KR-V6060

DESTINATION		TUNER UNIT	MAIN AMP UNIT	AUDIO UNIT	DISPLAY UNIT
Singapore made	K	X05-4460-11	X07-2770-10	X09-3940-10	X14-3880-10
	P	X05-4460-11	X07-2771-01	X09-3940-10	X14-3880-10
	R	X05-4460-11	X07-2770-10	X09-3940-10	X14-3880-10
	Y	X05-4460-21	X07-2782-91	X09-3940-10	X14-3880-21
	M	X05-4460-21	X07-2780-21	X09-3940-10	X14-3880-21
	T	X05-4472-72	X07-2780-51	X09-3942-71	X14-3882-71
	E	X05-4472-72	X07-2782-70	X09-3942-71	X14-3882-71
	K	X05-4460-11	X07-2770-10	X09-3940-10	X14-3880-10
Malaysia made	P	X05-4460-11	X07-2771-01	X09-3940-10	X14-3880-10
	R	X05-4460-11	X07-2770-10	X09-3940-10	X14-3880-10

No.1		KR-694		Description		Parts No.		Re- marks	
Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address
601	1A	A01-3098-11	1A	METALLIC CABINET		A01-3098-11	1A	K	
602	3A	A60-0527-11	3A	PANEL		A60-0527-11	3A	P	
603	1B	A70-0964-05	1B	REMOTE CONTROLLER ASSY(-R0502)		A70-0964-05	1B	K	
604	1B	A09-0170-08	1B	BATTERY COVER		A09-0170-08	1B	K	
615	3A	B03-2887-13	3A	DRESSING PLATE		B03-2887-13	3A	K	
-	-	B46-0092-33	-	WARRANTY CARD		B46-0092-33	-	K	
-	-	B46-0121-33	-	WARRANTY CARD		B46-0121-33	-	K	
-	-	B46-0197-00	-	QUESTIONNAIRE CARD		B46-0197-00	-	K	
-	-	B58-0964-03	-	CAUTION CARD (UL)		B58-0964-03	-	K	
-	-	B58-0965-03	-	CAUTION CARD (P.T.X TYPE)		B58-0965-03	-	P	
-	-	B58-0966-03	-	CAUTION CARD (ELM TYPE)		B58-0966-03	-	M	
-	-	B60-1453-00	-	INSTRUCTION MANUAL (ENGLISH)		B60-1453-00	-	P	
-	-	B60-1454-00	-	INSTRUCTION MANUAL (FRENCH)		B60-1454-00	-	P	
-	-	B60-1455-00	-	INSTRUCTION MANUAL (CHINESE)		B60-1455-00	-	P	
-	-	B60-1456-00	-	INSTRUCTION MANUAL (SPANISH)		B60-1456-00	-	M	
620	1B	E03-0115-05	1B	AC PLUG ADAPTER		E03-0115-05	1B	M	
621	1D	E30-2592-15	1D	AC POWER CORD		E30-2592-15	1D	M	
621	1D	E30-2650-05	1D	AC POWER CORD		E30-2650-05	1D	M	
621	1D	E30-2650-05	1D	AC POWER CORD		E30-2650-05	1D	KPR	
631	2B	F20-1297-05	2B	INSULATING SHEET (FRONT)		F20-1297-05	2B	P	
632	2B,2C	F20-1297-05	2B,2C	INSULATING SHEET (CENTER, REAR)		F20-1297-05	2B,2C	M	
633	2B	F20-1392-04	2B	INSULATING SHEET		F20-1392-04	2B	M	
634	2D	F20-1393-04	2D	INSULATING SHEET		F20-1393-04	2D	M	
-	-	H10-5676-02	-	POLYSTYRENE FOAMED FIXTURE (L)		H10-5676-02	-	KPM	
-	-	H10-5677-02	-	POLYSTYRENE FOAMED FIXTURE (R)		H10-5677-02	-	KPM	
-	-	H10-5680-02	-	POLYSTYRENE FOAMED FIXTURE (L)		H10-5680-02	-	KP	
-	-	H10-5681-02	-	POLYSTYRENE FOAMED FIXTURE (R)		H10-5681-02	-	KP	
-	-	H11-0061-04	-	POLYSTYRENE FOAMED BOARD		H11-0061-04	-	KP	
-	-	H13-0147-14	-	CARTON BOARD		H13-0147-14	-	KP	
-	-	H35-0232-04	-	PROTECTION BAG (235X350X0.03)		H35-0232-04	-	KP	
-	-	H35-1514-04	-	PROTECTION BAG		H35-1514-04	-	KP	
-	-	H50-0931-04	-	ITEM CARTON CASE		H50-0931-04	-	KP	
-	-	H50-0932-04	-	ITEM CARTON CASE		H50-0932-04	-	KP	
-	-	H50-0987-04	-	ITEM CARTON CASE		H50-0987-04	-	KP	
638	3D	J02-0366-15	3D	FOOT		J02-0366-15	3D	K	
640	2D	J19-3208-05	2D	UNIT HOLDER		J19-3208-05	2D	K	
641	2C	J19-3326-15	2C	UNIT HOLDER		J19-3326-15	2C	K	
642	2C,2D	J19-3657-04	2C,2D	UNIT HOLDER USABLE J19-3609-04		J19-3657-04	2C,2D	K	
643	1B	J19-3645-04	1B	AM LOOP ANT. STAND		J19-3645-04	1B	K	
648	1D	J42-0083-05	1D	POWER CORD BUSHING		J42-0083-05	1D	K	
-	-	J61-0307-05	-	WIRE BAND		J61-0307-05	-	K	
652	3B	K29-5843-02	3B	KN08 (SURROUND)		K29-5843-02	3B	K	
653	3A	K29-5834-13	3A	KN08 (10KEY)		K29-5834-13	3A	K	
654	2A,3A	K29-5837-02	2A,3A	KN08 (POWER, TUNING)		K29-5837-02	2A,3A	K	
655	3A	K29-5838-04	3A	KN08 (BASS, TREBLE)		K29-5838-04	3A	K	
656	3A	K29-5839-14	3A	KN08 (BASS, TREBLE)		K29-5839-14	3A	K	
657	3A	K29-5840-04	3A	KN08 ASSY (VOLUME)		K29-5840-04	3A	K	
658	3A	K29-5866-04	3A	KN08 (INPUT SELECTOR)		K29-5866-04	3A	K	
660	2C	L07-0848-05	2C	POWER TRANSFORMER		L07-0848-05	2C	P	
660	2C	L07-0851-05	2C	POWER TRANSFORMER		L07-0851-05	2C	M	

KR-694/V5560/V6060

PARTS LIST

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

No.3

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向
-	-	H50-0925-04	ITEM CARTON CASE	M
-	-	H50-0926-04	ITEM CARTON CASE	KPR
638	3D	J02-0366-15	FOOT	
640	2D	J19-3208-05	UNIT HOLDER	
641	2C	J19-3326-15	UNIT HOLDER	
642	2C, 2D	J19-3657-04	AM LOOP ANT. STAND	
643	1B	J19-3645-05	AM LOOP ANT. STAND	
648	1D	J42-0083-05	POWER CORD BUSHING	
-	-	J61-0307-05	WIRE BAND	
652	3B	K29-5843-02	KNOB (SURROUND)	
653	3A	K29-5834-13	KNOB (10KEY)	
654	2A, 3A	K29-5837-02	KNOB (POWER, TUNING)	
655	3A	K29-5838-04	KNOB (BASS, TREBLE)	
656	3A	K29-5839-14	KNOB (BALANCE)	
657	3A	K29-5860-04	KNOB ASSY (VOLUME)	
658	3A	K29-5866-04	KNOB (INPUT SELECTOR)	
660	2C	L07-0848-05	POWER TRANSFORMER	P
660	2C	L07-0850-05	POWER TRANSFORMER	X
660	2C	L07-0851-05	POWER TRANSFORMER	YM
660	2C	L07-0852-05	POWER TRANSFORMER	KR
A		N08-0128-35	BINDING POST (EARTH)	VMX
A		N09-2909-05	TAPITTE SCREW (3X12)	KPR
B		N09-0333-05	TAPPING SCREW (3X14)	
C		N09-2907-05	SEMS (TAPITTE SCREW)	
D		N82-2608-46	BINDING HEAD TAPITTE SCREW	
E		N89-3008-45	BINDING HEAD TAPITTE SCREW	
F		N89-3008-46	BINDING HEAD TAPITTE SCREW	
G		N89-3018-46	BINDING HEAD TAPITTE SCREW	
H		N29-0265-15	PUSH RIVET	
665	1B	T90-0175-05	T TYPE ANTENNA	
666	1B	T90-0195-05	LOOP ANTENNA	

KR-V6060

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向
601	1A	A01-3098-11	METALLIC CABINET	KPYMR
602	3A	A60-0525-21	PANEL	TE
603	1B	A70-0962-15	REMOTE CONTROLLER ASSY (-R0702)	
603	1B	A70-0963-05	REMOTE CONTROLLER ASSY (-R0703)	
604	1B	A09-0146-08	BATTERY COVER	KPYMR
615	3A	B03-2871-13	DRESSING PLATE	TE
615	3A	B03-2886-13	WARRANTY CARD	K
-	-	B46-0092-33	WARRANTY CARD	Y
-	-	B46-0094-03	WARRANTY CARD	Y
-	-	B46-0095-03	WARRANTY CARD	Y
-	-	B46-0121-33	WARRANTY CARD	P
-	-	B46-0197-00	QUESTIONNAIRE CARD	KR
-	-	B46-0310-03	WARRANTY CARD	TE
-	-	B58-0513-04	CAUTION CARD (PRESET220-240)	Y
-	-	B58-0964-03	CAUTION CARD (UL)	KYR
-	-	B58-0965-03	CAUTION CARD (P.T.X)	P
-	-	B58-0966-03	CAUTION CARD (E.I.M)	MTE
-	-	B58-0970-03	CAUTION CARD (R TYPE)	R
-	-	B60-1441-00	INSTRUCTION MANUAL (ENGLISH)	KPYMR
-	-	B60-1442-00	INSTRUCTION MANUAL (ENGLISH)	TE

4-KR-694
5-KR-V5560
6-KR-V6060
S:Singapore made
W:Malaysia made
R:Mexico
G:Germany
P:Canada
E:Europe
T:England
Y:AFES(Europe)
X:Australia
M:Other Areas
Δ indicates safety critical components

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No.2

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向
660	2C	L07-0852-05	POWER TRANSFORMER	K
A		N08-0128-35	BINDING POST (EARTH)	M
A		N09-2909-05	TAPITTE SCREW (3X12)	KP
B		N09-0333-05	TAPPING SCREW (3X14)	
C		N09-2907-05	SEMS (TAPITTE SCREW)	
D		N82-2608-46	BINDING HEAD TAPITTE SCREW	
E		N89-3008-45	BINDING HEAD TAPITTE SCREW	
F		N89-3008-46	BINDING HEAD TAPITTE SCREW	
G		N89-3018-46	BINDING HEAD TAPITTE SCREW	
H		N29-0265-15	PUSH RIVET	
665	1B	T90-0175-05	T TYPE ANTENNA	
666	1B	T90-0195-05	LOOP ANTENNA	

KR-V5560

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向
601	1A	A01-3098-11	METALLIC CABINET	KPYMR
602	3A	A60-0525-21	PANEL	TE
603	1B	A70-0962-15	REMOTE CONTROLLER ASSY (-R0502)	
604	1B	A09-0170-08	BATTERY COVER	KPYMR
615	3A	B03-2887-13	DRESSING PLATE	K
-	-	B46-0092-33	WARRANTY CARD	Y
-	-	B46-0094-03	WARRANTY CARD	Y
-	-	B46-0095-03	WARRANTY CARD	Y
-	-	B46-0096-43	WARRANTY CARD	X
-	-	B46-0121-33	WARRANTY CARD	P
-	-	B46-0197-00	QUESTIONNAIRE CARD	KR
-	-	B58-0513-04	CAUTION CARD (PRESET220-240)	Y
-	-	B58-0964-03	CAUTION CARD	KYR
-	-	B58-0965-03	CAUTION CARD	P
-	-	B58-0966-03	CAUTION CARD	MX
-	-	B58-0970-03	CAUTION CARD	RR
-	-	B60-1453-00	INSTRUCTION MANUAL (ENGLISH)	
-	-	B60-1454-00	INSTRUCTION MANUAL (FRENCH)	P
-	-	B60-1455-00	INSTRUCTION MANUAL (CHINESE)	M
-	-	B60-1456-00	INSTRUCTION MANUAL (SPANISH)	MR
620	1B	E03-0115-05	AC PLUG ADAPTER	M
621	1D	E30-2592-15	AC POWER CORD	M
621	1D	E30-2605-05	AC POWER CORD	Y
621	1D	E30-2650-05	AC POWER CORD	KPR
621	1D	E30-2650-05	AC POWER CORD	
621	1D	E30-2717-05	AC POWER CORD	X
631	2B	F20-1297-05	INSULATING SHEET (FRONT)	VMX
632	2B, 2C	F20-1297-05	INSULATING SHEET (CENTER, REAR)	KPYMR
633	2B	F20-1392-04	INSULATING SHEET	KPYMR
634	2D	F20-1393-04	INSULATING SHEET	KPR
-	-	H10-5676-02	POLYSTYRENE FOAMED FIXTURE (L)	KPR
-	-	H10-5677-02	POLYSTYRENE FOAMED FIXTURE (R)	KPR
-	-	H10-5680-02	POLYSTYRENE FOAMED FIXTURE (L)	KPR
-	-	H10-5681-02	POLYSTYRENE FOAMED FIXTURE (R)	KPR
-	-	H11-0061-04	POLYSTYRENE FOAMED BOARD	
-	-	H13-0147-14	CARTON BOARD	
-	-	H25-0232-04	PROTECTION BAG (235X350X0.03)	
-	-	H35-0361-04	PROTECTION BAG	
-	-	H50-0924-04	ITEM CARTON CASE	KPYMR

4-KR-694
5-KR-V5560
6-KR-V6060
S:Singapore made
W:Malaysia made
R:Mexico
G:Germany
P:Canada
E:Europe
T:England
Y:AFES(Europe)
X:Australia
M:Other Areas
Δ indicates safety critical components

KR-694/V5560/V6060

PARTS LIST

✱ New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

No.5

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向備考
660	2C	*	POWER TRANSFORMER	KR
A		N06-0128-35	BINDING POST (EARTH)	YME
B		N09-2909-05	TAPPING SCREW	KPR
C		N09-0333-05	SEMS (TAPITE SCREW) (3X12)	
D		N09-2907-05	BINDIG HEAD TAPITE SCREW	
E		N82-2608-46	BINDING HEAD TAPITE SCREW	
F		N89-3008-45	BINDING HEAD TAPITE SCREW	
G		N89-3018-46	BINDING HEAD TAPITE SCREW	
H		N29-0265-15	PUSH RIVET	
665	1B	T90-0175-05	T TYPE ANTENNA	
666	1B	T90-0195-05	LOOP ANTENNA	
667	1B	T90-0185-05	ANTENNA ADAPTOR	TE
TUNER UNIT(X05-446X-XX) : Except E,T				
C1 , 2		CK73FB1H103K	CHIP C	
C4		CE04LW1A470M	ELECTRØ	0.010UF K
C5		CK73FB1H103K	CHIP C	0.010UF K
C8		CK73FB1H103K	CHIP C	0.010UF K
C10		CK73FB1H122K	CHIP C	1200PF K
C11		CE04LW1H4R7M	ELECTRØ	4.7UF 50WV
C13		CE04LW1H1010M	ELECTRØ	1.00UF 50WV
C14		CE04LW1H2R2M	ELECTRØ	2.2UF 50WV
C21 , 22		C092FM1H163J	MYLAR	0.016UF J
C21 , 22		C092FM1H243J	MYLAR	0.024UF J
C23		CE04LW1H1010M	ELECTRØ	1.00UF 50WV
C24		CE04LW1H3R3M	ELECTRØ	3.3UF 50WV
C25		CE04LW1V100M	ELECTRØ	10UF 35WV
C27		CK73FB1E473K	CHIP C	0.047UF K
C28		CE04LW1V100M	ELECTRØ	10UF 35WV
C31		CE04LW1A470M	ELECTRØ	47UF 10WV
C32		CK73FB1H103K	CHIP C	0.010UF K
C33		CK73FB1H220J	CHIP C	22PF J
C34		CK73FB1H320J	CHIP C	22PF J
C35 -38		CK73FB1H471K	CHIP C	470PF K
C39		CE04LW1C470M	ELECTRØ	47UF 16WV
C40		CK73FB1H223K	CHIP C	0.022UF K
C41		CE04LW1H1010M	ELECTRØ	1.00UF 50WV
C42 , 43		CK73FB1H103K	CHIP C	0.010UF K
C50		C91-0769-05	CERAMIC	0.01UF K
C51		CE04LW1H1010M	ELECTRØ	1.00UF 50WV
C52		CE04LW1C470M	ELECTRØ	47UF 16WV
C57		CK73FB1H220J	CHIP C	22PF J
C65		CE04LW1H1010M	ELECTRØ	1.00UF 50WV
C66		CK73FB1H102K	CHIP C	1000PF K
C71		CE04LW1V100M	ELECTRØ	10UF 35WV
C72		CE04LW1C470M	ELECTRØ	47UF 16WV
C103-106		CE04LW1H47M	ELECTRØ	0.47UF 50WV
C107		CK73FB1E473K	CHIP C	0.047UF K
C112		CC73FB1H101J	CHIP C	100PF J
C114		CK73FB1H681K	CHIP C	680PF K
C115 , 116		CC73FB1H101J	CHIP C	100PF J
C121 , 122		CE04LW1C470M	ELECTRØ	47UF 16WV
C135 , 136		C092FM1H482J	MYLAR	4800PF J
C182		CC73FB1H150J	CHIP C	15PF J

4:KR-694
5:KR-V5560
6:KR-V6060
S:Singapore made
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K:USA
T:England
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L:Scandinavia
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Y:AFES(Europe)

△ indicates safety critical components

✱ New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

No.4

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向備考
-		860-1443-00	INSTRUCTION MANUAL (FRENCH)	P
-		860-1444-00	INSTRUCTION MANUAL (CHINESE)	M
-		860-1445-00	INSTRUCTION MANUAL (GE, DU)	MR
-		860-1446-00	INSTRUCTION MANUAL (SPANISH)	E
-		860-1593-00	INSTRUCTION MANUAL (SPANISH)	E
-		860-1594-00	INSTRUCTION MANUAL (FR, IT)	E
620	1B	E03-0115-05	AC PLUG ADAPTER	M
621	1D	E30-2592-15	AC POWER CORD	ME
621	1D	E30-2605-05	AC POWER CORD	Y
621	1D	E30-2650-05	AC POWER CORD	KPR
621	1D	E30-2721-05	AC POWER CORD	T
630	1C	F20-1258-04	INSULATING BOARD (FRONT)	T
631	2B	F20-1284-05	INSULATING SHEET (CENTER, REAR)	
632	2B	F20-1297-05	INSULATING BOARD	
633	2B	F20-1392-04	INSULATING SHEET	
634	2D	F20-1393-04	INSULATING SHEET	YME
-		H10-5676-02	POLYSTYRENE FOAMED FIXTURE (L)	KPYMR
-		H10-5677-02	POLYSTYRENE FOAMED FIXTURE (R)	KPYMR
-		H10-5678-02	POLYSTYRENE FOAMED FIXTURE (L)	T
-		H10-5679-02	POLYSTYRENE FOAMED FIXTURE (R)	T
-		H10-5680-02	POLYSTYRENE FOAMED FIXTURE (L)	KPR
-		H10-5681-02	POLYSTYRENE FOAMED FIXTURE (R)	KPR
-		H11-0061-04	POLYSTYRENE FOAMED BOARD	KPYMR
-		H13-0147-14	CARTON BOARD	T
-		H13-0160-04	CARTON BOARD	KPYMR
-		H25-0232-04	PROTECTION BAG (235X350X0.03)	KPYMR
-		H25-0361-04	PROTECTION BAG (0232 PRINTED)	KPYMR
-		H25-0651-04	PROTECTION BAG (0232 PRINTED)	T
-		H25-0666-04	PROTECTION BAG (0361 PRINTED)	T
-		H50-0921-04	ITEM CARTON CASE	KPYMR
-		H50-0922-04	ITEM CARTON CASE	M
-		H50-0923-04	ITEM CARTON CASE	T
-		H50-0985-04	ITEM CARTON CASE	KPR
638	3D	J02-0366-15	FOOT	KPYMR
639	3D	J02-1040-05	UNIT HOLDER	TE
640	2D	J19-3208-05	UNIT HOLDER	
641	2C	J19-3326-15	UNIT HOLDER (USABLE J19-3609-04)	
642	2C, 2D	J19-3657-04	UNIT HOLDER (USABLE J19-3609-04)	
643	1B	J19-3645-05	AM LOOP ANT. STAND	
646	1D	J42-0083-05	POWER CORD BUSHING	
-		J61-0307-05	WIRE BAND	
652	3B	K29-5833-02	KNØB (SURROUND)	TE
653	3A	K29-5834-13	KNØB (TUNEY)	KPYMR
654	2A, 3A	K29-5836-02	KNØB (POWER, TUNING)	
654	2A, 3A	K29-5837-02	KNØB (POWER, TUNING)	
655	3A	K29-5836-04	KNØB (BASS, TREBLE)	
656	3A	K29-5839-14	KNØB (BARANCE)	
657	3A	K29-5859-04	KNØB ASSY (VOLUIME)	
658	3A	K29-5866-04	KNØB (INPUT SELECTOR)	
660	2C	L07-0843-05	POWER TRANSFORMER	P
660	2C	L07-0844-05	POWER TRANSFORMER	E
660	2C	L07-0845-05	POWER TRANSFORMER	T
660	2C	L07-0846-05	POWER TRANSFORMER	YM

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KR-694/V5560/V6060

PARTS LIST

✱ New Parts
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Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teil ohne Parts No. werden nicht geliefert.

No.7

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Re- marks 備考
C8		CK73FB1H682K	CHIP C	
C9		CK73FB1H103K	CHIP C	
C10		CC73FSL1H330J	ELECTR0	
C11		CE04LW1V100M	ELECTR0	
C12		CE04LW1H010M	ELECTR0	
C13		CE04LW1HR33M	ELECTR0	
C14		CE04LW1H010M	ELECTR0	
C15		CK73FB1H103K	CHIP C	
C16		C91-0769-05	CERAMIC	
C17		CK73FB1H223K	CHIP C	
C21, 22		CK73FB1H682K	CHIP C	
C23		CE04LW1V100M	ELECTR0	
C25		CE04LW1V100M	ELECTR0	
C27		CE04LW1V100M	ELECTR0	
C28		CK73FB1E473K	CHIP C	
C31		CE04LW1A470M	ELECTR0	
C32		CK73FB1H103K	CHIP C	
C33		CC73FCH1H270J	CHIP C	
C34		CK73FCH1H220J	CHIP C	
C35 -38		CK73FB1H471K	CHIP C	
C39		CE04LW1C470M	ELECTR0	
C40		C492FM1H223J	MYLAR	
C41		CE04H1H2R2M	NP-ELEC	
C42, 43		CK73FB1H103K	CHIP C	
C45, 46		CE04LW1V100M	ELECTR0	
C47, 48		CE04LW1H0R1M	ELECTR0	
C50		C91-0769-05	CERAMIC	
C51		CE04LW1H010M	ELECTR0	
C52		CE04LW1C470M	ELECTR0	
C56		CC73FCH1H220J	CHIP C	
C58, 59		CK73FB1H472K	CHIP C	
C65		CE04LW1H010M	ELECTR0	
C66		C91-0769-05	CERAMIC	
C72		CE04LW1C470M	ELECTR0	
C107		CK73FB1E473K	CHIP C	
C121, 122		CE04LW1C470M	ELECTR0	
C123		CE04LW1H0R1M	ELECTR0	
C172		CC73FSL1H330J	CHIP C	
C173-175		CK73FB1H102K	CHIP C	
C182		CC73FSL1H150J	CHIP C	
J1		E20-0321-05	LOCK TERMINAL BOARD	
J2		F10-0921-14	SHIELDING PLATE	
CF1, 2		L72-0536-05	CERAMIC FILTER	
L1, 2		L40-1091-17	SMALL FIXED INDUCTOR(1UH)	
L3		L30-0496-05	FM IFT	
L4		L30-0497-05	FM IFT	
L5		L79-0125-05	LC FILTER	
L7		L30-0467-05	AM IFT	
L8, 9		L79-0790-05	LC FILTER	
L10		L40-1091-17	SMALL FIXED INDUCTOR(1UH)	
L103		L39-1309-05	COMBINATION COIL	
L106		L40-1091-17	SMALL FIXED INDUCTOR(1UH)	
X1		L77-1122-05	CRYSTAL RESONATOR(7.2MHZ)	

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No.6

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Re- marks 備考
J1		E20-0476-05	LOCK TERMINAL BOARD(4P)	
J2		F10-0920-14	SHIELDING PLATE	
CF1, 2		L72-0531-05	CERAMIC FILTER	
CF3		L72-0574-05	CERAMIC FILTER	
L7		L30-0467-05	AM IFT	
L10		L40-1091-17	SMALL FIXED INDUCTOR(1UH)	
L11		L40-1021-14	SMALL FIXED INDUCTOR(1.0MH, K)	
L12		L40-1091-17	SMALL FIXED INDUCTOR(1UH)	
L103		L39-1309-05	COMBINATION COIL	
L106		L40-1091-17	SMALL FIXED INDUCTOR(1UH)	
X1		L77-1122-05	CRYSTAL RESONATOR(7.2MHZ)	
X2		L78-0295-05	RESONATOR (19KHZ)	
R11		RS14KB3A820J	FL-PROOF RS 82 J 1W	
R31		RS14KB3D21J	FL-PROOF RS 220 J 2W	
R42		RD14N82E101J	RD 100 J 1/4W	
R111		RD14N82E470J	RD 47 J 1/4W	
R127, 128		RD14N82E101J	RD 100 J 1/4W	
W46		R92-0670-05	CHIP R 0 0HM	
W48		R92-0670-05	CHIP R 0 0HM	
S101		S62-0034-05	SLIDE SWITCH(CH, SPACE, EMPASIS)	YM
D3		HZ55-1N(82)	ZENER DIODE	
D4		RD5-1ES(82)	ZENER DIODE	
D4		HZ55-1N(82)	ZENER DIODE	
D4		RD3-3ES(82)	ZENER DIODE	
D7		MA110	DIODE	
D8		HSS104	DIODE	
D8		LS133	DIODE	
D11		HZ56-2N(82)	ZENER DIODE	
D11, 112		RD8-2ES(82)	ZENER DIODE	
D11, 112		MA110	DIODE	
IC1		LA1831-KEN	ANALOG IC	
IC2		IC(PLL SYNTHESIZER)	IC(PLL SYNTHESIZER)	
IC12		NJM45650	IC(OP AMP X2)	
Q1		2SC2714(F, R)	TRANSISTOR	
Q2		2SC1845(F, E)	TRANSISTOR	
Q3		2SC1740S(Q, R)	TRANSISTOR	
Q3		2SC2785(F, E)	TRANSISTOR	
Q7		2SC2412K	TRANSISTOR	
Q11		2SD637E(F)	TRANSISTOR	
Q102		2SA1037K	TRANSISTOR	
Q104		2SA1037K	TRANSISTOR	
Q107, 108		2SC2412K	TRANSISTOR	
Q109, 110		2SC2412K	TRANSISTOR	
Q111		2SA1037K	TRANSISTOR	
DT1		W02-1167-05	FM FRONT-END ASSY	
TUNER UNIT(X05-447X-XX) : E.T type				
C1, 2		CK73FB1H103K	CHIP C	
C4		CE04LW1C470M	ELECTR0	
C5		CK73FB1H223K	CHIP C	
C6		CK73FB1E473K	CHIP C	
C7		CE04LW1H3R3M	ELECTR0	

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PARTS LIST

No.8

*** New Parts**
Parts without
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Ref. No. 参照番号	Address 位置	New Parts 新部品	Parts No. 部品番号	Description 部品名 / 規格	Destination 仕向備考
X2			L78-0295-05	RESONATOR (19KHZ)	
R31			RS14KB30221J	FL-PROOF RS 220 J 2W	
R42			RD14NB2E101J	RD 100 J 1/4W	
R111			RD14NB2E101J	RD 47 J 1/4W	
R127, 128			RD14NB2E101J	RD 100 J 1/4W	
VR1			R12-3666-05	TRIMMING POT. (22K)	
VR2			R12-3685-05	TRIMMING POT. (10K)	
VR3			R12-1619-05	TRIMMING POT. (4.7K)	
W100-103			P32-0670-05	CHIP R 0 OHM	
W200-211			P32-0670-05	CHIP R 0 OHM	
D3			HZ50.1N(B2)	ZENER DIODE	
D5			HZ50.1BS(B2)	ZENER DIODE	
D4			HZ50.1JN(B2)	ZENER DIODE	
D4			RD3.4ES(B2)	ZENER DIODE	
D5			HSS104	DIODE	
D5			1SS133	DIODE	
D11			H45ION(B)	ZENER DIODE	
D11,112			R010ES(B)	ZENER DIODE	
D11,112			HSS104	DIODE	
D11,112			1SS133	DIODE	
D117,118			1SS268	DIODE	
D121			MA110	DIODE	
D125			MA110	DIODE	
IC1			LA1851N	IC(CAM, FM TUNER)	
IC2			LC7218	IC(PLL SYNTHESIZER)	
IC3			NJM45650	IC(OP AMP X2)	
IC4			MS203P	IC(OP AMP X2)	
Q1			2SC9714(R, Ø)	TRANSISTOR	
Q2			2SC1845(F, E)	TRANSISTOR	
Q3, 4			2SC2412K	TRANSISTOR	
Q5			2SA1037K	TRANSISTOR	
Q7, 8			2SC412K	TRANSISTOR	
Q9			2SA1037K	TRANSISTOR	
Q10			2SC412K	TRANSISTOR	
Q11			2SD0863(E, F)	TRANSISTOR	
Q102			2SA1037K	TRANSISTOR	
Q109, 110			2SC412K	TRANSISTOR	
Q111			2SA1037K	TRANSISTOR	
DT1			W02-1166-15	FM FRONT-END ASSY	
MAIN AMP UNIT(X07-277X-XX) : K,P,R type					
C1, 2			CC45FSL1H101J	CERAMIC 100PF J	
C3, 4			CK45FF1H103Z	CERAMIC 0.010UF Z	
C7, 8			C992FM1H104J	MYLAR 0.100F J	
C9, -12			CK45FF1H103Z	CERAMIC 0.010UF Z	
C13, 14			C992FM1H104J	MYLAR 0.100F J	
C17, 18			CK45FF1H103Z	CERAMIC 0.010UF Z	
C21			CE04LW0221M	ELECTRO 220UF 5.3WV	
C22			CE04LV1V487M	ELECTRO 4.7UF 35WV	
C31			CK45FF1H103Z	CERAMIC 0.010UF Z	
C33, 34			C90-3536-05	ELECTRO 6800UF 71WV	6
C33, 34			C90-3536-05	ELECTRO 6800UF 63WV	5
C35			CE04LV1J100M	ELECTRO 10UF 6.3WV	4

L:Scandinavia
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4:KR-694
5:KR-V5560
6:KR-V6060
△ indicates safety critical components

KR-694/V5560/V6060

PARTS LIST

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No.11

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向	Re- marks 備考
△ D28 ,29		ISS131	DIODE		
△ D30 ,33		SS5688B	DIODE		
△ D30 ,33		1SR139-100	ZENER DIODE		
△ D34		HZ56.2N(B2)	ZENER DIODE		
		RD6.2ES(B2)	ZENER DIODE		
D35		HSS104	DIODE		
D35		HSS133	DIODE		
D37 ,40		HSS104	DIODE		
D37 ,40		HSS133	DIODE		
D41 ,44		HSS104A	DIODE		
D41 ,44		ISS131	DIODE		
D45 ,52		HZ513N(B2)	ZENER DIODE		
D45 ,52		RD13ES(B2)	ZENER DIODE		
D53 ,56		HZ56.1N(B2)	ZENER DIODE		
D53 ,56		RD5.1ES(B2)	ZENER DIODE		
D58 ,59		HSS104	DIODE		
D58 ,59		ISS133	DIODE		
D60 ,61		HZ56.1N(B2)	ZENER DIODE		
D60 ,61		RD5.1ES(B2)	ZENER DIODE		
D62 ,63		HSS104	DIODE		
D62 ,63		ISS133	DIODE		
IC1		NJM2279D	IC(V1000 IC)		
Q1 ,6		2SC1845(F,E)	TRANSISTOR		
Q7		2SA992(F,E)	TRANSISTOR		
Q8		2SA1534A(R,S)	TRANSISTOR		
△ Q9 ,10		2SD2012	TRANSISTOR		
△ Q9 ,10		2SD2061	TRANSISTOR		
△ Q9 ,10		2SD2374	TRANSISTOR		
Q11		2SC1740S(Q,R)	TRANSISTOR		
Q11		2SC2785(F,E)	TRANSISTOR		
Q12		2SA1175(F,E)	TRANSISTOR		
Q12		2SA933S(Q,R)	TRANSISTOR		
Q13		2SC1740S(Q,R)	TRANSISTOR		
Q13		2SC2785(F,E)	TRANSISTOR		
Q14		2SA1175(F,E)	TRANSISTOR		
Q14		2SA933S(Q,R)	TRANSISTOR		
Q21 ,23		2SC1740S(Q,R)	TRANSISTOR		
Q21 ,23		2SC2785(F,E)	TRANSISTOR		
Q24		2SC2785(F,E)	TRANSISTOR		
△ Q25		2SC3940A(R,S)	TRANSISTOR		
Q26		2SC2003(L,K)	TRANSISTOR		
Q31		2SA1175(F,E)	TRANSISTOR		
Q31		2SA933S(Q,R)	TRANSISTOR		
Q32		2SC1740S(Q,R)	TRANSISTOR		
Q32		2SC2785(F,E)	TRANSISTOR		
Q32		2SC2785(F,E)	TRANSISTOR		
Q33		2SA1175(F,E)	TRANSISTOR		
Q33		2SA933S(Q,R)	TRANSISTOR		
Q34		2SC1740S(Q,R)	TRANSISTOR		
Q34		2SC2785(F,E)	TRANSISTOR		
Q35 ,36		2SC1845(F,E)	TRANSISTOR		
Q37 ,38		2SA992(F,E)	TRANSISTOR		
Q39		2SA1175(F,E)	TRANSISTOR		
Q39		2SA933S(Q,R)	TRANSISTOR		
Q40		2SC1740S(Q,R)	TRANSISTOR		

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Y:AFES(Europe)

No.10

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向	Re- marks 備考
R25 ,28		RD14NB2E220J	RD 22 J 1/4W		
R29 ,30		RS14KB3D4K7J	FL-PROOF RS 4.7 J 2W		
R31 ,32		RD14NB2E100J	RD 10 J 1/4W		
R33 ,34		RD14NB2E332J	RD 3.3K J 1/4W		
R55 ,56		SS14KB3A561J	FL-PROOF RS 56 J 1W		
R61		RD14NB2E100J	RD 10 J 1/4W		
R62		RD14NB2E470J	RD 47 J 1/4W		
R64 ,65		RS14KB3D151J	FL-PROOF RS 150 J 2W		
R71		RD14NB2E101J	RD 100 J 1/4W		
R76		RS14KB3D271J	FL-PROOF RS 270 J 2W		
R78 ,79		RS14KB3D271J	FL-PROOF RS 270 J 2W		
R80		RD14NB2E180J	RD 18 J 1/4W		
R81		RD14NB2E682J	RD 6.8K J 1/4W		
R91 ,92		RD14NB2E470J	RD 47 J 1/4W		
R119		R92-1769-05	CARBON 3.3M J 1/2W		
R128		RD14NB2E185J	RD 1.5 J 1/4W		
VR1 ,4		RS14KB3A391J	FL-PROOF RS 390 J 1W		
		R12-1617-05	TRIMMING POT. (2.2K)		
K1 ,2		SS1-2078-05	MAGNETIC RELAY		6
K1 ,2		SS1-2092-05	MAGNETIC RELAY		6
K1 ,2		S76-0005-05	MAGNETIC RELAY		5
K1 ,2		S76-0005-05	MAGNETIC RELAY		4
K3		S76-0005-05	MAGNETIC RELAY		
K4		S76-0016-05	MAGNETIC RELAY		6
K4		S76-0017-05	MAGNETIC RELAY		6
K5		S76-0009-05	MAGNETIC RELAY		
S1		S31-2132-05	SLIDE SWITCH		6
D1 ,5		HSS104A	DIODE		
D1 ,5		ISS131	DIODE		
D6		HZ56.1N(B2)	ZENER DIODE		
D6		RD5.1ES(B2)	ZENER DIODE		
D7		DS5BA20F03	DIODE		
D7		RBV-6021FA	DIODE		
D8		DS5BA20F03	DIODE		
D8		RBV-6021FA	DIODE		
△ D9 ,12		SS5688B	DIODE		6
△ D9 ,12		1SR139-100	DIODE		6
D13		HZ56.2N(B2)	ZENER DIODE		
D13		RD6.2ES(B2)	ZENER DIODE		
D14		HZ56.2N(B2)	ZENER DIODE		
D14		RD6.2ES(B2)	ZENER DIODE		
D15		HZ52.7N(B2)	ZENER DIODE		
D15		RD2.7ES(B2)	ZENER DIODE		
△ D16 ,17		SS5688B	DIODE		
△ D16 ,17		1SR139-100	DIODE		
D18 ,19		HZ516N(B2)	ZENER DIODE		
D18 ,19		RD16ES(B2)	ZENER DIODE		
D21 ,23		HSS104	DIODE		
D21 ,23		ISS133	DIODE		
D24		HSS104	DIODE		
D24		ISS133	DIODE		
D25 ,27		HSS104	DIODE		
D25 ,27		ISS131	DIODE		
△ D28 ,29		HSS104A	DIODE		

4:KR-694
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6:KR-V6060
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Y:AFES(Europe)

KR-694/V5560/V6060

PARTS LIST

✕ New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

No.13

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 向備考
C84		CK45FB1H471K	CERAMIC 470PF K	6
C85		CK45FB1H471K	CERAMIC 470PF K	
C90		CE04LW1A470M	ELECTRØ 470UF 10WV	
C91		CE04LW0J471M	ELECTRØ 470UF 6.3WV	
C92, 93		CK45FF1H103Z	CERAMIC 0.010UF Z	
C95, 96		CE04LW1V100M	ELECTRØ 10UF 35WV	
C99, 100		CC45ESL1H470J	47PF J	
C101-103		CK45FF1H103Z	CERAMIC 0.010UF Z	
C104, 105		CC45ESL1H221J	CERAMIC 220PF J	
C106		CK45FF1H473Z	CERAMIC 0.047UF Z	
J3		E03-0117-05	AC ØUTLET	Y
J4		E70-0047-05	LOCK TERMINAL BOARD	
J5		E70-0046-05	LOCK TERMINAL BOARD	
J6		E11-0127-05	PHONE JACK	
J6		E11-0127-05	PHONE JACK	
J6		E11-0190-05	PHONE JACK	
J7		E63-0069-15	PHONE JACK	
J8		E11-0188-05	MINIATURE PHONE JACK(2P)	
J11, 12		E03-0108-05	AC ØUTLET	ME
J11, 12		E03-0109-05	AC ØUTLET	T
F1		F05-3121-05	FUSE (SENKØ) (250V T3.15A)	TEX
F1, 2		F05-3121-05	FUSE (SENKØ) (250V T3.15A)	YM
F3		F05-3121-05	FUSE (SENKØ) (250V T3.15A)	MTE
F6		F06-1022-05	FUSE (SENKØ) (250V TIAL)	
CMS, 6		J13-0075-05	FUSE CLIP	
CN7, 8		J13-0075-05	FUSE CLIP	
CN9, 10		J13-0075-05	FUSE CLIP	
CN11, 12		J11-0098-05	WIRE CLAMPER	
L1 - 4		L39-0085-05	PHASE COMPENSATION COIL	
T1		L07-0865-05	POWER TRANSFORMER	YM
T1		L07-0866-05	POWER TRANSFORMER	TX
T1		L07-0867-05	POWER TRANSFORMER	E
J		N35-3008-46	BINDING HEAD MACHINE SCREW	
CP1, 2		R90-0840-05	RD 0.22 5W	4
CP3, 4		R90-0840-05	RD 0.22 5W	5
CP3, 4		R90-0840-05	RD 0.22 5W	6
RS - 8		R014NB2E220J	MULTIPLE RESISTØR 22 J 1/4W	
R9, 10		RS14KB3Ø4R7J	FL-PRØØF RS 4.7 J 2W	
R11, 12		R014NB2E100J	RD 10 J 1/4W	
R13, 14		R014NB2E332J	RD 3.3K J 1/4W	
R15, 16		R014NB2C112J	RD 1.1K J 1/6W	5
R15, 16		R014NB2C112J	RD 1.1K J 1/6W	4
R25 - 28		R014NB2E220J	RD 22 J 1/4W	
R29, 30		RS14KB3Ø4R7J	FL-PRØØF RS 4.7 J 2W	
R31, 32		R014NB2E100J	RD 10 J 1/4W	
R33, 34		R014NB2E332J	RD 3.3K J 1/4W	
R35, 36		R014NB2C112J	RD 1.1K J 1/6W	5
R35, 36		R014NB2C112J	RD 1.1K J 1/6W	4
R55, 56		RS14KB3A561J	FL-PRØØF RS S60 J 1W	
R61		R014NB2E100J	RD 10 J 1/4W	
R62		R014NB2E470J	RD 47 J 1/4W	
R64, 65		RS14KB3Ø151J	FL-PRØØF RS 150 J 2W	

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✕ New Parts
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Teile ohne Parts No. werden nicht geliefert.

No.12

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 向備考
Q40		2SC2785(F,E)	TRANSISTØR	6
Q41, 42		2SC1845(F,E)	TRANSISTØR	
Q43, 44		2SA992(F,E)	TRANSISTØR	
Q101, 102		2SD2222BT	TRANSISTØR	4
Q101, 102		2SD2225BT	TRANSISTØR	5
Q101, 102		2SD2255BT	TRANSISTØR	5
Q103, 104		2SB147ØBT	TRANSISTØR	6
Q103, 104		2SB1493BT	TRANSISTØR	4
Q103, 104		2SB1493BT	TRANSISTØR	5
Q105, 106		2SC4137F19(V,W)	TRANSISTØR	
Q107, 108		2SD2255BT	TRANSISTØR	
Q109, 110		2SB1493BT	TRANSISTØR	
Q111, 112		2SC4137F19(V,W)	TRANSISTØR	
MAIN AMP UNIT(XØ7-278X-XX) : Y,M,X,E,T type				
C1, 2		CC45ESL1H101J	100PF J	
C3, 4		CK45FF1H103Z	CERAMIC 0.010UF Z	
C5 - 8		CF92FV1H224J	MF 0.22UF J	E
C7, 8		CQ92FM1H104J	MYLAR 0.10UF J	YMTX
C9 - 12		CK45FF1H103Z	CERAMIC 0.010UF Z	
C13 - 16		CF92FV1H224J	MF 0.22UF J	E
C13, 14		CQ92FM1H104J	MYLAR 0.10UF J	YMTX
C17, 18		CK45FF1H103Z	CERAMIC 0.010UF Z	
C19, 20		CC45FSL1H561J	CERAMIC 560PF	E
C21		CE04LWØJ221M	ELECTRØ 220UF 6.3WV	
C22		CE04LW1V4R7M	ELECTRØ 4.7UF 35WV	
C31, 32		CK45FF1H103Z	CERAMIC 0.010UF Z	
C33, 34		C90-3538-05	ELECTRØ 6800UF 71WV	6
C33, 34		C90-3538-05	ELECTRØ 6800UF 63WV	4
C33, 34		C90-3538-05	ELECTRØ 6800UF 63WV	5
C35		CE04LW1J100M	ELECTRØ 10UF 63WV	4
C35		CE04LW1J100M	ELECTRØ 10UF 63WV	5
C35		CE04LW2A100M	ELECTRØ 10UF 100WV	6
C36		CE04LW1J331M	ELECTRØ 330UF 63WV	4
C36		CE04LW1J331M	ELECTRØ 330UF 63WV	5
C36		CE04LW2A331M	ELECTRØ 330UF 100WV	6
C37		CK45FB1H102K	CERAMIC 1000PF K	
C39, 40		CK45FB1H102K	CERAMIC 470UF 16WV	
C41 - 45		CK45FF1H103Z	CERAMIC 0.010UF Z	
C46		CK45FF1H103Z	CERAMIC 0.010UF Z	
C47, 48		CK45FF1H104P	CERAMIC 0.010UF P	
C49		CK45FF1H103Z	CERAMIC 0.010UF Z	E
C50		CE04LW1J221M	ELECTRØ 220UF 63WV	
C51		CE04LW1V100M	ELECTRØ 10UF 35WV	
C52		CK45FF1H103Z	CERAMIC 0.010UF Z	E
C59		C91-1488-05	MF 6800PF 25ØVAC	
C60		CK45FF1H103Z	CERAMIC 3.010UF Z	
C61		CE04LW1E351M	ELECTRØ 350UF 25WV	
C62, 63		CE04LW1A47ØM	ELECTRØ 470UF 10WV	
C65		CE04LW1V4R7M	ELECTRØ 4.7UF 35WV	
C70		CK45FF1H103Z	CERAMIC 0.010UF Z	
C71 - 74		CK45FB1H102K	CERAMIC 4700PF K	
C75 - 79		CK45FF1H472Z	CERAMIC 4700PF Z	E
C81		CK45FF1H472Z	CERAMIC 4700PF Z	
C83		CK45FF1H103Z	CERAMIC 0.010UF Z	

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KR-694/V5560/V6060

PARTS LIST

No.15

* New Parts
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Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕	Re- marks 備考
D37 -40		ISS133	DIODE		
D41 -44		HSS104A	DIODE		
D41 -44		ISS131	DIODE		
D45 -52		HZS13N(B2)	ZENER DIODE		
D45 -52		RD13ES(B2)	ZENER DIODE		
D53 -56		HZS5.1N(B2)	ZENER DIODE		
D53 -56		RD5.1ES(B2)	ZENER DIODE		
D58 -59		HSS104	DIODE		
D58 -59		ISS133	DIODE		
D60 -61		HZS5.1N(B2)	ZENER DIODE		
D60 -61		RD5.1ES(B2)	ZENER DIODE		
D62 -63		ISS133	DIODE		
IC1		NJM2279D	IC(VIDEO IC)		
Q1 -6		2SC1845(F,E)	TRANSISTOR		
Q7		2SA992(F,E)	TRANSISTOR		
Q8		2SA1534A(R,S)	TRANSISTOR		
Q9 -10		2SD2012	TRANSISTOR		
Q9 -10		2SD2061	TRANSISTOR		
Q9 -10		2SD2374	TRANSISTOR		
Q11		2SC1740S(Q,R)	TRANSISTOR		
Q11		2SC2785(F,E)	TRANSISTOR		
Q12		2SA1175(F,E)	TRANSISTOR		
Q12		2SA935(Q,R)	TRANSISTOR		
Q13		2SC1740S(Q,R)	TRANSISTOR		
Q13		2SC2785(F,E)	TRANSISTOR		
Q14		2SA1175(F,E)	TRANSISTOR		
Q14		2SA935(Q,R)	TRANSISTOR		
Q21 -23		2SC1740S(Q,R)	TRANSISTOR		
Q21 -23		2SC2785(F,E)	TRANSISTOR		
Q24		2SC1740S(Q,R)	TRANSISTOR		
Q24		2SC2785(F,E)	TRANSISTOR		
Q25		2SC3940A(R,S)	TRANSISTOR		
Q26		2SC2003(L,N)	TRANSISTOR		
Q31		2SA1175(F,E)	TRANSISTOR		
Q31		2SA935(Q,R)	TRANSISTOR		
Q32		2SC1740S(Q,R)	TRANSISTOR		
Q32		2SC2785(F,E)	TRANSISTOR		
Q33		2SA1175(F,E)	TRANSISTOR		
Q33		2SA935(Q,R)	TRANSISTOR		
Q34		2SC1740S(Q,R)	TRANSISTOR		
Q34		2SC2785(F,E)	TRANSISTOR		
Q35 -36		2SC1845(F,E)	TRANSISTOR		
Q37 -38		2SA992(F,E)	TRANSISTOR		
Q39		2SA1175(F,E)	TRANSISTOR		
Q39		2SA935(Q,R)	TRANSISTOR		
Q40		2SC1740S(Q,R)	TRANSISTOR		
Q40		2SC2785(F,E)	TRANSISTOR		
Q41 -42		2SC1845(F,E)	TRANSISTOR		
Q43 -44		2SA992(F,E)	TRANSISTOR		
Q101,102		2SD2228T	TRANSISTOR		
Q101,102		2SD2258T	TRANSISTOR		
Q103,104		2SB14708T	TRANSISTOR		
Q103,104		2SB14936T	TRANSISTOR		

4:KR-694
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No.14

* New Parts
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Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕	Re- marks 備考
R71		RD14NB2E101J	100 J 1/4W		
R76		RS14KB30271J	270 J 2W		
R77		RS14KB30271J	270 J 2W		
R78 -79		RS14KB30271J	270 J 2W		
R80		RD14NB2E180J	18 J 1/4W		
R81		RD14NB2E682J	6.8K J 1/4W		
R91 -92		RD14NB2E470J	47 J 1/4W		
R128		RD14NB2E1R5J	1.5 J 1/4W		
R170,171		RS14KB3A391J	390 J 1W		
V81 -4		FL-TRIMMING POT.(2.2K)			
K1 -2		MAGNETIC RELAY			
K1 -2		MAGNETIC RELAY			
K1 -2		MAGNETIC RELAY			
K1 -2		MAGNETIC RELAY			
K3		MAGNETIC RELAY			
K4		MAGNETIC RELAY			
K4		MAGNETIC RELAY			
K5		MAGNETIC RELAY			
S1		SLIDE SWITCH			
S2		SLIDE SWITCH			
D1 -5		HSS104A	DIODE		
D1 -5		ISS131	DIODE		
D6		HZS5.1N(B2)	ZENER DIODE		
D6		RD5.1ES(B2)	ZENER DIODE		
D7		D5SBA20F03	DIODE		
D7		RBV-602LFA	DIODE		
D8		D5SBA20F03	DIODE		
D9 -12		SS5688	DIODE		
D9 -12		1SR139-100	DIODE		
D13		HZS6.2N(B2)	ZENER DIODE		
D13		RD6.2ES(B2)	ZENER DIODE		
D14		HZS6.2N(B2)	ZENER DIODE		
D14		RD6.2ES(B2)	ZENER DIODE		
D15		HZS2.7N(B2)	ZENER DIODE		
D15		RD2.7ES(B2)	ZENER DIODE		
D16 -17		SS5688	DIODE		
D16 -17		1SR139-100	DIODE		
D18 -19		HZS16N(B2)	ZENER DIODE		
D18 -19		RD16ES(B2)	ZENER DIODE		
D21 -23		HSS104	DIODE		
D21 -23		ISS133	DIODE		
D24		HSS104	DIODE		
D24		ISS133	DIODE		
D25 -27		HSS104	DIODE		
D25 -27		ISS133	DIODE		
D28 -29		HSS104A	DIODE		
D28 -29		ISS131	DIODE		
D30 -33		SS5688	DIODE		
D30 -33		1SR139-100	DIODE		
D34		HZS6.2N(B2)	ZENER DIODE		
D34		RD6.2ES(B2)	ZENER DIODE		
D35		HSS104	DIODE		
D35		ISS133	DIODE		
D37 -40		HSS104	DIODE		

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KR-694/V5560/V6060

PARTS LIST

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No.17

Ref. No. 参照番号	Address 位 置	Parts No. 部 品 番 号	Description 部 品 名 / 規 格	Desti- nation 仕 向 標 考
C79 -82		CE04LW1V100M	ELECTR0 100UF 35WV	
C83		CE04LW1A221M	ELECTR0 220UF 10WV	
C84		C092FM1H473J	MYLAR 0.347UF J	
C85		C092FM1H223J	MYLAR 0.022UF J	
C86		CE04LW1C470M	ELECTR0 47UF 16WV	
C87		CE04LW1A101M	ELECTR0 100UF 10WV	
C89		CK45FB1H102K	CERAMIC 1000PF K	
C91		CK45FSL1H23Z	CERAMIC 0.022UF Z	
C92		CE04LW1C470M	ELECTR0 47UF 16WV	
C93		C092FM1H104J	MYLAR 0.10UF J	
C95		C91-0757-05	CERAMIC 1000PF K	
C96		CF92FV1H481J	MF 480PF J	
C97 , 98		CE04LW1V200M	ELECTR0 100UF 35WV	
C99 , 100		CE04LW1H100M	ELECTR0 1.0UF 50WV	
C101, 102		C91-0749-05	CERAMIC 220PF K	
C103, 104		C91-0729-05	CERAMIC 22PF J	TE
C105, 106		C91-0745-05	CERAMIC 100PF K	
C107, 108		C91-0737-05	CERAMIC 47PF J	
C109, 110		CE04LW1V100M	ELECTR0 100UF 35WV	
C120		C91-0755-05	CERAMIC 680PF K	
C121, 122		C91-0735-05	CERAMIC 39PF J	TE
C123, 124		CE04LW1V100M	ELECTR0 100UF 35WV	
C125, 126		C91-0749-05	CERAMIC 220PF K	
C127, 128		CE04LW1A101M	ELECTR0 100UF 10WV	
C129, 130		C91-0757-05	CERAMIC 1000PF K	
C131, 132		C092FM1H123J	MYLAR 0.012UF J	
C133, 134		C092FM1H332J	MYLAR 3300PF J	
C135, 136		CE04LW1V487M	ELECTR0 4.7UF 35WV	
C137, 138		C91-0745-05	CERAMIC 100PF K	TE
C139		CF92FV1H2A103J	MYLAR 0.010UF J	
C151		C90-3253-05	ELECTR0 1UF 50WV	
C152		CE04LW1H010M	ELECTR0 1.0UF 50WV	
C153, 154		CC45FSL1H221J	CERAMIC 220PF J	
C155-158		CC45FSL1H101J	CERAMIC 100PF J	
C159		C90-3222-05	ELECTR0 100UF 10WV	
C160		CE04LW1A101M	ELECTR0 100UF 10WV	
C161, 162		CC45FSL1H100D	CERAMIC 100PF D	
C163, 164		CE04LW2A010M	ELECTR0 1.0UF 100WV	
C165, 166		CC45FSL1H221J	CERAMIC 220PF J	XPMXYR
C167, 168		CC45FSL1H020C	CERAMIC 2.0PF C	
C169, 170		CC45FSL1H070C	CERAMIC 7.0PF C	TE
C171, 172		CC45FSL2H330J	CERAMIC 33PF J	
C173		CE04LW1C470M	ELECTR0 47UF 16WV	
C181, 182		CE04LW1C220M	ELECTR0 22UF 16WV	
		CE04LW1H010M	ELECTR0 1.0UF 50WV	
C183, 184		CC45FSL1H221J	CERAMIC 220PF J	
C185-188		CC45FSL1H101J	CERAMIC 100PF J	
C189, 190		CE04LW1A470M	ELECTR0 47UF 10WV	
C191, 192		CC45FSL1H680J	CERAMIC 68PF J	
C193, 194		CC45FSL1H221J	CERAMIC 220PF J	
C195, 196		CC45FSL1H020C	CERAMIC 2.0PF C	
C197, 198		CC45FSL2H680J	CERAMIC 68PF J	
C200		CE04LW1C220M	ELECTR0 22UF 16WV	
C201, 202		CE04LW1V100M	ELECTR0 100UF 35WV	
C203, 204		C092FM1H333J	MYLAR 0.033UF J	

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No.16

Ref. No. 参照番号	Address 位 置	Parts No. 部 品 番 号	Description 部 品 名 / 規 格	Desti- nation 仕 向 標 考
Q103, 104		Z5B149J8BT	TRANSISTOR	5
Q105, 106		Z5C4137F19(V, W)	TRANSISTOR	
Q107, 108		Z5D2255BT	TRANSISTOR	
Q109, 110		Z5B149J8BT	TRANSISTOR	
Q111, 112		Z5C4137F19(V, W)	TRANSISTOR	
AUDIO UNIT(X09-394X-XX)				
C1 - 4		C91-0749-05	CERAMIC 220PF K	TE
C5 , 6		C91-0749-05	CERAMIC 220PF K	
C7 , 8		C91-0749-05	CERAMIC 220PF K	TE
C9 , 10		C91-0749-05	CERAMIC 220PF K	
C11 , 12		C91-0749-05	CERAMIC 220PF K	TE
C13 , 14		C91-0749-05	CERAMIC 220PF K	
C15 , 16		C91-0749-05	CERAMIC 220PF K	TE
C17 , 18		CE04LW1H010M	ELECTR0 1.0UF 50WV	
C19 , 20		C91-0749-05	CERAMIC 220PF K	
C21 , 22		C91-0729-05	CERAMIC 22PF J	
C23 , 24		CE04LW1C220M	ELECTR0 22UF 16WV	
C25 , 26		CE04LW1C470M	ELECTR0 47UF 16WV	
C27 , 28		CC45FSL1H101J	CERAMIC 100PF J	
C29		CK45FF1H472Z	CERAMIC 4700PF Z	
C30 , 31		CK45FF1H103Z	CERAMIC 0.010UF Z	
C32 , 33		CE04LW1C220M	ELECTR0 22UF 16WV	
C34		CK45FB1H102K	CERAMIC 1000PF K	
C41		C092FM1H103J	MYLAR 0.010UF J	
C42		C092FM1H222J	MYLAR 2200PF J	
C43		CE04LW1A221M	ELECTR0 220UF 10WV	
C44		C092FM1H333J	MYLAR 0.033UF J	
C45		C092FM1H152J	MYLAR 1500PF J	
C46		C092FM1H333J	MYLAR 0.033UF J	
C47		CF92FV1H105J	MF 1.0UF J	
C48		CE04LW1A221M	ELECTR0 220UF 10WV	
C49		CE04LW1V100M	ELECTR0 100UF 35WV	
C50		CE04LW1H2R2M	ELECTR0 2.2UF 50WV	
C51		CE04LW1V100M	ELECTR0 100UF 35WV	
C53		CE04LW1V100M	ELECTR0 100UF 35WV	
C55		CF92FV1H824J	MF 0.82UF J	
C56		CF92FV1H474J	MF 0.47UF J	
C57		CE04LW1A470M	ELECTR0 47UF 10WV	
C58 , 59		C092FM1H104J	MYLAR 0.10UF J	
C60		CE04LW1H477M	ELECTR0 0.47UF 50WV	
C61		CE04LW1V487M	ELECTR0 4.7UF 35WV	
C62		CE04LW1H477M	ELECTR0 0.47UF 50WV	
C63		CE04LW1V487M	ELECTR0 4.7UF 35WV	
C64		CF92FV1H154J	MF 0.15UF J	
C65		CE04LW1H3R3M	ELECTR0 3.3UF 50WV	
C66 , 67		CF92FV1H154J	MF 0.15UF J	
C68		CE04LW1H3R3M	ELECTR0 3.3UF 50WV	
C69		CF92FV1H154J	MF 0.15UF J	
C70		CE04LW1V487M	ELECTR0 4.7UF 35WV	
C71		CE04LW1H477M	ELECTR0 0.47UF 50WV	
C72		CE04LW1V487M	ELECTR0 4.7UF 35WV	
C73		CE04LW1H477M	ELECTR0 0.47UF 50WV	
C74 , 75		C092FM1H104J	MYLAR 0.10UF J	
C76 , 77		CE04LW1H010M	ELECTR0 1.0UF 50WV	
C78		CE04LW1A221M	ELECTR0 220UF 10WV	

L:Scandinavia
Y:JP(Far East, Hawaii)
Y:AF(Europe)

K:USA
T:England
X:Australia

P:Canada
E:Europe
M:Other Areas

R:Mexico
G:Germany

S:Singapore made
W:Malaysia made

4:KR-694
5:KR-V5560
6:KR-V6060

△ indicates safety critical components

KR-694/V5560/V6060

PARTS LIST

★ New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

No.21

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向	Re- marks 備考
IC1		UPD78044GF-075	NI-COM IC	TE	
IC2		S-80740AL	IC(VOLTAGE DETECTOR).		
IC3		NM4580D-D	IC(OP AMP X2)		
Q1 ,2		2SC1740S(Q,R)	TRANSISTOR		
Q1 ,2		2SC1785(F,E)	TRANSISTOR		
Q3		2SA1175(F,E)	TRANSISTOR	YM	
Q3		2SA833S(Q,R)	TRANSISTOR	YM	
Q5 ,6		2SC1740S(Q,R)	TRANSISTOR		
Q5 ,6		2SC2785(F,E)	TRANSISTOR		
Q7		2SC1845(F,E)	TRANSISTOR		
Q8		DTA124US	DIGITAL TRANSISTOR		
Q8		UN4112	TRANSISTOR		
Q9		DTC124ES	DIGITAL TRANSISTOR		
Q9		UN4212	TRANSISTOR		
A1		W02-1046-05	ELECTRIC CIRCUIT MODULE		
A1		W02-1153-05	ELECTRIC CIRCUIT MODULE		
A1		W02-1174-05	ELECTRIC CIRCUIT MODULE		

4-KR-694
5-KR-V5560
6-KR-V6060
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A indicates safety critical components

★ New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

No.20

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向	Re- marks 備考
C7		C90-3211-05	ELECTRO		
C8		CE04LW1H30M	ELECTRO		
C9		C91-0769-05	CERAMIC		
C10		C91-0085-05	CERAMIC		
C11		C91-0769-05	CERAMIC		
C12 ,13		C092FM1H223	MYLAR		
C14		C90-3212-05	ELECTRO		
C15		C91-0769-05	CERAMIC		
C21 ,22		C04SLS1H221J	CERAMIC		
C23 ,24		CE04LW1H30M	ELECTRO		
C25 ,26		C092FM1H563J	MYLAR		
C27		CE04LW1H010M	ELECTRO		
C28		C90-3228-05	ELECTRO		
C29 ,30		C91-0737-05	CERAMIC		
C31 ,32		C91-0754-05	CERAMIC		
C33		C90-3253-05	ELECTRO		
C37 ,38		C90-3224-05	ELECTRO		
C39		C90-3225-05	ELECTRO		
C40		CE04LW1V100M	ELECTRO		
C41 ,42		C092FM1H393J	MF		
C43 ,44		CE04LW1E470M	ELECTRO		
X1		78-0267-05	RESONATOR (4.194MHZ)		
CP1		P90-0492-05	MULTI-COMP		
CP2		P90-0832-05	MULTI-COMP		
CP4		P90-0856-05	MULTI-COMP		
R22 ,23		R014NB2E221J	RD		
R69 ,70		R014NB2E151J	RD		
VR1 ,2		R10-5076-05	POTENTIOMETER(100K X2)		
S1 -35		S40-1064-05	PUSH SWITCH	TE	
S36 -38		S40-1064-05	PUSH SWITCH		
S40		T99-0547-05	ENCODER (INPUT SELECTOR)		
D1 -20		HSS104	DIODE		
D1 -20		HSS133	DIODE		
D25		H256.2N(B2)	ZENER DIODE		
D25		H06.2ES(B2)	ZENER DIODE		
D26		H252.7N(B2)	ZENER DIODE		
D26		H02.7ES(B2)	ZENER DIODE		
D27		H2511N(B2)	ZENER DIODE		
D27		H011ES(B2)	ZENER DIODE		
D32		HSS104	DIODE		
D32		HSS133	DIODE		
D33		HSS104	DIODE		
D33		HSS133	DIODE		
D34		HSS104	DIODE		
D34		HSS133	DIODE		
D35		HSS104	DIODE		
D35		HSS133	DIODE		
D36		HSS104	DIODE		
D36		HSS133	DIODE		
E01		11-MT-920K	INDICATOR TUBE		
IC1		UPD78043GF-073	NI-COM IC		

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KR-694/V5560/V6060

SPECIFICATIONS

For U.S.A and Canada (KR-694/V5560)

Audio section

Rated power output at the STEREO operation

70 watts per channel minimum RMS, both channels driven at 8 Ω , from 20 Hz to 20,000 Hz with no more than 0.06 % total harmonic distortions. (FTC)

Power output at the Surround operation

Front (1 kHz, 0.9 % T.H.D. at 8 Ω) 70 W + 70 W
Center (1 kHz, 0.9 % T.H.D. at 8 Ω) 70 W
Rear (1 kHz, 0.9 % T.H.D. at 8 Ω) 20 W + 20 W

Total harmonic distortion (1 kHz, 8 Ω) 0.03 % at 50 W

Signal to noise ratio (IHF A)

PHONO (MM) 75 dB
CD, TAPE, VIDEO 100 dB

Input sensitivity / impedance

PHONO (MM) 2.5 mV / 47 k Ω
CD, TAPE, VIDEO 200 mV / 47 k Ω

Tone controls

BASS ± 10 dB (at 100 Hz)
TREBLE ± 10 dB (at 10 kHz)
Loudness control at - 30 dB level + 6 dB (100 Hz)

Video section

VIDEO inputs / outputs (Composite) 1 Vp - p / 75 Ω

FM Tuner section

Tuning frequency range 87.5 MHz ~ 108 MHz
Usable sensitivity (IHF) 13.2 dBf (1.2 μ V at 75 Ω)
50 dB quieting sensitivity
STEREO 41.2 dBf (3.2 μ V at 75 Ω)
Total harmonic distortion at 1 kHz
MONO 0.6 %
STEREO 0.7 %
Signal to noise ratio at 65 dBf (IHF)
MONO 75 dB
STEREO 68 dB
Selectivity (IHF \pm 400 kHz) 50 dB
Stereo separation (IHF at 1 kHz) 40 dB
Frequency response 30 Hz ~ 15 kHz, + 0.5 dB, - 3.0 dB

AM Tuner section

Tuning frequency range 530 kHz ~ 1,700 kHz
Usable sensitivity 12 μ V / (500 μ V / m)
Total harmonic distortion 0.7 %
Signal to noise ratio 48 dB
Selectivity 30 dB

General

Power consumption 3 A
AC outlet
SWITCHED 2: (total 200 W, 1.6 A max.)
Dimensions W: 440 mm (17-5/16")
H: 143 mm (5-5/8")
D: 334 mm (13-1/8")
Weight (net) 9.5 kg (20.9 lb)

For other countries (KR-694/V5560)

Audio section

Rated power output at the STEREO operation

(EIAJ) 1 kHz, 10 % T.H.D., at 8 Ω 100 W + 100 W
(IHF '66) from 20 Hz to 20 kHz,
0.06% T.H.D., at 8 Ω 70 W + 70 W

Power output at the Surround operation

Front (1 kHz, 0.9 % T.H.D. at 8 Ω) 70 W + 70 W
Center (1 kHz, 0.9 % T.H.D. at 8 Ω) 70 W
Rear (1 kHz, 0.9 % T.H.D. at 8 Ω) 20 W + 20 W
Total harmonic distortion (1 kHz, 8 Ω) 0.03 % at 50 W

Signal to noise ratio (IHF'66)

PHONO (MM) 75 dB
CD, TAPE, VIDEO 100 dB

Input sensitivity / impedance

PHONO (MM) 2.5 mV / 47 k Ω
CD, TAPE, VIDEO 200 mV / 47 k Ω

Tone controls

BASS ± 10 dB (at 100 Hz)
TREBLE ± 10 dB (at 10 kHz)
Loudness control at - 30 dB level + 6 dB (100 Hz)

Video section

VIDEO inputs / outputs (Composite) 1 Vp - p / 75 Ω

FM Tuner section

Tuning frequency range 87.5 MHz ~ 108 MHz
Usable sensitivity (IHF) 13.2 dBf (1.2 μ V at 75 Ω)
50 dB quieting sensitivity
STEREO 41.2 dBf (3.2 μ V at 75 Ω)
Total harmonic distortion at 1 kHz
MONO 0.6 %
STEREO 0.7 %
Signal to noise ratio at 65 dBf (IHF)
MONO 75 dB
STEREO 68 dB
Selectivity (IHF \pm 400 kHz) 50 dB
Stereo separation (IHF at 1 kHz) 40 dB
Frequency response 30 Hz ~ 15 kHz, + 0.5 dB, - 3.0 dB

AM Tuner section

Tuning frequency range
9 kHz 531 kHz ~ 1,602 kHz
10 kHz 530 kHz ~ 1,610 kHz
Usable sensitivity 12 μ V / (500 μ V / m)
Total harmonic distortion 0.7 %
Signal to noise ratio 48 dB
Selectivity 30 dB

General

Power consumption 260 W
AC outlet
SWITCHED 2: (total 200 W max.)
(Except for Australia)
Dimensions W: 440 mm
H: 143 mm
D: 334 mm
Weight (net) 9.5 kg

Note : KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

KR-694/V5560/V6060

SPECIFICATIONS

U.S.A., Mexico and Canada(KR-V6060)

Audio section

Rated power output at the STEREO operation

100 watts per channel minimum RMS, both channels driven at 8 Ω , from 20 Hz to 20,000 Hz with no more than 0.06% total harmonic distortions. (FTC)

Power output at the Surround operation

Front (1 kHz, 0.9% T.H.D. at 8 Ω) 70 W + 70 W
Center (1 kHz, 0.9% T.H.D. at 8 Ω) 70 W
Rear (1 kHz, 0.9% T.H.D. at 8 Ω) 20 W + 20 W

Total harmonic distortion (1 kHz, 8 Ω) 0.03% at 50 W

Signal to noise ratio (IHF A)

PHONO (MM) 75 dB
CD, TAPE, VIDEO 100 dB

Input sensitivity / impedance

PHONO (MM) 2.5 mV / 47 k Ω
CD, TAPE, VIDEO 200 mV / 47 k Ω

Tone controls

BASS ± 10 dB (at 100 Hz)
TREBLE ± 10 dB (at 10 kHz)
Loudness control at - 30 dB level + 8 dB (100 Hz)

Video section

VIDEO inputs / outputs(Composite) 1 Vp-p / 75 Ω

FM Tuner section

Tuning frequency range 87.5 MHz~108 MHz
Usable sensitivity (IHF) 13.2 dBf (1.2 μ V at 75 Ω)
50 dB quieting sensitivity
STEREO 41.2 dBf (3.2 μ V at 75 Ω)
Total harmonic distortion at 1 kHz
MONO 0.6%
STEREO 0.7%
Signal to noise ratio at 65 dBf (IHF)
MONO 75 dB
STEREO 68 dB
Selectivity (IHF ± 400 kHz) 50 dB
Stereo separation (IHF at 1 kHz) 40 dB
Frequency response 30 Hz~15 kHz, +0.5 dB, - 3.0 dB

AM Tuner section

Tuning frequency range 530 kHz~1,700 kHz
Usable sensitivity 12 μ V / (500 μ V / m)
Total harmonic distortion 0.7 %
Signal to noise ratio 48 dB
Selectivity 30 dB

General

Power consumption 3 A
AC outlet
SWITCHED 2: (total 200 W, 1.6 A max.)
Dimensions W: 440 mm (17-5/16")
H: 143 mm (5-5/8")
D: 334 mm (13-1/8")
Weight (net) 9.5 kg (20.9 lb)

Other countries(KR-V6060)

Audio section

Rated power output at the STEREO operation

(EIAJ) 1 kHz, 10 % THD at 8 Ω 135 W + 135 W
(IHF '66) from 20 Hz to 20 kHz,
0.06% T.H.D., at 8 Ω 100 W + 100 W

Power output at the Surround operation

Front (1 kHz, 0.9% T.H.D. at 8 Ω) 70 W + 70 W
Center (1 kHz, 0.9% T.H.D. at 8 Ω) 70 W
Rear (1 kHz, 0.9% T.H.D. at 8 Ω) 20 W + 20 W

Total harmonic distortion (1 kHz, 8 Ω) 0.03% at 50 W

Signal to noise ratio (IHF'66)

PHONO (MM) 75 dB
CD, TAPE, VIDEO 100 dB

Input sensitivity / impedance

PHONO (MM) 2.5 mV / 47 k Ω
CD, TAPE, VIDEO 200 mV / 47k Ω

Tone controls

BASS ± 10 dB (at 100 Hz)
TREBLE ± 10 dB (at 10 kHz)
Loudness control at - 30 dB level + 8 dB (100 Hz)

Video section

VIDEO inputs / outputs(Composite) 1 Vp-p / 75 Ω

FM Tuner section

Tuning frequency range 87.5 MHz~108 MHz
Usable sensitivity (IHF) 13.2 dBf (1.2 μ V at 75 Ω)
50 dB quieting sensitivity
STEREO 41.2 dBf (3.2 μ V at 75 Ω)
Total harmonic distortion at 1 kHz
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Stereo separation (IHF at 1 kHz) 40 dB
Frequency response 30 Hz ~ 15 kHz, + 0.5 dB, - 3.0 dB

AM Tuner section

Tuning frequency range
9 kHz 531 kHz ~ 1,602 kHz
10 kHz 530 kHz ~ 1,610 kHz
Usable sensitivity 12 μ V / (500 μ V / m)
Total harmonic distortion 0.7 %
Signal to noise ratio 48 dB
Selectivity 30 dB

General

Power consumption 260 W
AC outlet
SWITCHED 2: (total 200 W max.)
(Except for Australia)
Dimensions W: 440 mm
H: 143 mm
D: 334 mm
Weight (net) 9.5 kg

Note : KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

KR-694/V5560/V6060

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